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(NASA-CR-160523) WIND TUNNEL TESTS OF THE
0.035 SCALE INTEGRATED SPACE SHUTTLE VEHICLE
MODEL 84-OTS IN THE NASA/LEWIS 10 X 10 FOOT
SUPERSONIC WIND TUNNEL (IH11), VOLUME 1
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VOLUME 1 of 4

WIND TUNNEL TESTS OF THE 0.035-SCALE INTEGRATED SPACE
SHUTTLE VEHICLE MODEL 84-OTS IN THE NASA/LEWIS
10 X 10-FOOT SUPERSONIC WIND TUNNEL (IH11)

by

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Prepared under NASA Contract Number NAS9-13247

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WIND TUNNEL TEST SPECIFICS:

Test Number: NASA-Lewis 10 x 10 SWT Program 045
NASA Series Number: IH11
Model Number: 84-OTS
Test Date: April 27, 1978 through May 10, 1978
Occupancy Hours: 163

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ABSTRACT

Test IH11 was conducted in the NASA-Lewis Research Center 10 x 10-foot supersonic wind tunnel. The objective of the test was to obtain pressure data in the vicinity of protuberances and connecting hardware on the orbiter, external tank and solid rocket booster in order to determine aerodynamic heating rates in these areas. The heating rates obtained during this test will be correlated with thin skin thermocouple model data from previous tests.

Tests were conducted at freestream Mach numbers of 2.5 to 3.5 at simulated altitudes of 64,000 feet to 84,000 feet. Model angle-of-attack was varied from -5° to $+5^{\circ}$ at angles of yaw of 0° and $\pm 5^{\circ}$. A total of forty-eight valid data runs were completed.

Model configuration, instrumentation, test procedures and data processing methods are detailed in this report.

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1	EFFECT OF BETA ON SIMULATED HEATING RATIO --- OTS CONFIGURATION	MACH, ALPHA THETA, X/LREF	E	1-711
2	EFFECT OF BETA ON SIMULATED HEATING RATIO --- OT CONFIGURATION	MACH, ALPHA THETA, X/LREF	E	712-948
3	EFFECT OF BETA ON SIMULATED HEATING RATIO --- TANK ALONE	MACH, ALPHA THETA, X/LREF	E	949-5309

Plotted Coefficients Schedule:

- A) $\text{PI}/\text{P}\emptyset$ vs X/L
- B) $\text{PI}/\text{P}\emptyset$ vs X/CW
- C) $\text{PI}/\text{P}\emptyset$ vs X/CV
- D) PI/PU vs BETA
- E) $\text{PI}/\text{P}\emptyset$ vs BETA
- F) $\text{PI}/\text{P}\emptyset$ vs X/LS
- G) $(\text{PI}/\text{PU})0.8$ vs BETA
- H) $\text{PI}/\text{P}\emptyset$ vs X/LT

INTRODUCTION

The objective of this wind tunnel test (IH11) was to determine the local heating rates in the vicinity of the protuberances and connecting hardware of the integrated space shuttle vehicle. A total of 631 pressures were measured using scanivalves mounted in the orbiter, external tank and left hand solid rocket booster. The model (84-OTS) is a 0.035-scale representation of the integrated space shuttle vehicle. The model was tested at Mach numbers of 2.5, 3.0 and 3.5. Model angle-of-attack was varied from -5° to $+5^{\circ}$ at angles of yaw of 0, $\pm 5^{\circ}$. The results of these tests are presented in this report.

NOMENCLATURE

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
C_{P_i}	CP(I)	pressure coefficient, orifice i
$C_{P_{si}}$	CP(SI)	stagnation pressure coefficient, orifice i
$C_{P_i}/C_{P_{si}}$	CPI/SI	ratio of static to stagnation pressure coefficient, orifice i
P_o	PO	tunnel total pressure, psfa
M_∞	MACH	freestream Mach number
OTS	OTS	mated space shuttle vehicle, orbiter, tank, and SRB
OT	OT	space shuttle orbiter and external tank configuration
P_i	P(I)	pressure, orifice i, psfa
P_i/P	PI/P	ratio of local pressure i to freestream static pressure
P_i/P_o	P(I)/P	ratio of local pressure i to freestream total pressure
P	P	tunnel static pressure, psfa
q	Q	dynamic pressure, psf
RE/FT	RN/FT, R_e	unit Reynolds number, million per foot
SRB	SRB	solid rocket booster
	STRUT ANGLE	strut angle, deg.
	STRUT HEIGHT	strut height, in.
T	T	temperature, °R.
T_o	TO	tunnel stilling chamber temperature, °R
	RAY	orbiter fuselage radial location

NOMENCLATURE (Concluded)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
X_o	XO	orbiter longitudinal coordinate, inches
X_s	XS	SRB longitudinal coordinate, inches
X_T	XT	ET longitudinal coordinate, inches
X/l_{ref}	X/LREF	longitudinal position as a fraction of fuselage reference length
Y		lateral coordinate, inches
YAW	YAW	model yaw angle, degrees
Z		vertical coordinate, inches
α	ALPHA	model angle-of-attack, degrees
β	BETA	model angle-of-sideslip, ($\beta = - YAW$), degrees
θ	THETA	radial location of orifice i, deg.
ϕ	PHI	orbiter angular measurement, degrees
ψ		angle of yaw, degrees; or solid rocket booster angular measurement, degrees

SUBSCRIPTS

i	initial condition
O	orbiter
S	SRB
T	ET
∞	freestream condition
o	stagnation condition

REMARKS

The following pressures were not installed on the model: P₃₃, P₃₄, P₃₇₃, P₇₂₅ and P₈₆₂. Table V presents a list of "bad coded" pressure orifices for each run.

Scanivalve number seven in the external tank malfunctioned during the first night's testing (Runs 1 through 3). Repeat data were obtained after the problem was rectified (Runs 12, 11 and 10 respectively). Effected pressures are listed in Table V.

During the second night of testing a flexible cooling water line came off inside the left hand solid rocket booster and flooded the scanivalve compartment. The ensuing damage resulted in the replacement of four of the six pressure transducers in the SRB. During the following nights testing scanivalve number thirteen behaved erratically and had to be "bad coded". Since runs 10, 11 and 12 were repeat runs of 3, 2 and 1 respectively, good data were obtained from scanivalve thirteen at Mach numbers of 2.5 and 3.5 but no valid data were gathered for the Mach 3.0 conditions. A listing of the scanivalve thirteen pressure orifice numbers are given in Table V.

The model angle-of-attack indicator exhibited large zero shifts from run 31 on. Model angle-of-attack was set using strut angle instead of the model mounted inclinometer for runs 31 through 48. Model sting deflection due to load was neglected, but angle-of-attack error should be minimal since the configurations tested during these runs were non-lifting bodies (SRB and external tank alone) and the sting support was relatively stiff.

CONFIGURATIONS INVESTIGATED

The model tested, designated 84-OTS, is a 0.035-scale model of the integrated space shuttle vehicle. The integrated vehicle model consists of the orbiter, external tank, and solid rocket boosters designed to the outer moldline vehicle 5 specifications. All attachments between the orbiter and the external tank and between the external tank and the solid rocket boosters are simulated to scale. The protuberances on all components are simulated as close to scale as practical. The orbiter body flap and rudder are simulated on this model but have no deflection capability. The umbilical cavities and doors are simulated on the orbiter. The elevons are simulated but were not deflected.

During the first run series (Runs 1 through 12) the integrated vehicle configuration was tested. The second run series (Runs 13 through 21) used the orbiter - external tank configuration, while the next series was the orbiter alone (Runs 22 through 30). Next the solid rocket booster alone was tested (Runs 31 through 39). The final series (Runs 40 through 48) involved the external tank alone.

During the orbiter - external tank phase of testing the aft booster - tank struts and braces were removed.

For the booster alone phase of testing the aft nozzle (N₁₁₃) was not used.

During the tank alone runs the forward orbiter - external tank A-frame was removed. The aft support structure remained on the model during these runs.

CONFIGURATIONS INVESTIGATED (Concluded)

Model nomenclature for this test is as follows:

<u>Symbol</u>	<u>Description</u>
B64	Orbiter body
C14	Canopy
E63	Elevon
F14	Body flap
M18	OMS pod
N92	OMS nozzles
N94	SSME nozzles
N113	Solid rocket booster nozzle
R18	Rudder
S28	Solid rocket booster
T40	External tank
U2	Umbilical doors
V23	Vertical tail
W129	Wing

Dimensional data for model 84-OTS is presented in Table III.

INSTRUMENTATION

The model was instrumented with 631 steady state pressure orifices located on the orbiter, external tank and left hand solid rocket booster. The pressures were measured using seventeen model mounted S-type scanivalves. The scanivalves were distributed as follows:

Orbiter:	1 scanivalve drive
	3 modules
	110 pressures
External Tank:	2 scanivalve drives
	8 modules
	306 pressures
Left Hand SRB:	1 scanivalve drive
	6 modules
	215 pressures

The scanivalves in the orbiter and in the external tank were mounted in water cooled boxes located in each respective component. The solid rocket booster scanivalve assembly was wrapped in cooling coils but was not enclosed in a box due to lack of room in the model.

Pressure orifice location information is given in Table IVa, b, c, and shown by Figures 2c through 2m.

Model angle-of-attack was measured using an inclinometer mounted in the model. The inclinometer was mounted in the orbiter nose for the first three configurations tested and then either the external tank or the solid rocket booster for the final two configurations. Cooling water was supplied to the inclinometer in all three components.

Two chromel-alumel thermocouples were mounted in each scanivalve cooling box. These temperatures were monitored during the test to

INSTRUMENTATION (Concluded)

assure that the scanivalve transducers were operating within the specified compensated temperature range.

One chromel-alumel thermocouple was mounted in the vicinity of the inclinometer and was monitored during testing.

Model yaw angle was measured using a water cooled linear potentiometer mounted on the actuator cylinder. Control was accomplished using a Moog servocontroller.

TEST FACILITY DESCRIPTION

The NASA Lewis 10 x 10 foot supersonic wind tunnel is capable of attaining test section flow in the Mach number range from 2.0 to 3.5 in increments of 0.1. The tunnel may be operated in either of two modes: aerodynamic cycle or propulsion cycle.

The floor of the test section can be lowered to the first floor level by means of screwjacks at each corner. Model installation is generally made through the resulting 10.067 m (33 ft. 4-1/8 in.) by 3.048 m (10 ft.) opening. A special model dolly can be used to move the model onto the floor plate. Two 22,700 kg (25 ton) traveling overhead cranes capable of running the length of the building housing the test section are available for model installation. These cranes have 4540 kg (5 ton) auxiliaries.

There are removable top and bottom plates in the test section which are available for installation of small model supports and auxiliary apparatus. The opening may vary up to 6.10 m (20 ft.) long by 1.07 m (3.5 ft.) wide depending upon the selection of insert plates. Model mountings are installed through these openings.

Three pairs of 0.84 m (33 in.) diameter windows are located in the side walls of the test section. Two pairs of these windows are mounted eccentrically in 1.52 m (5 ft.) diameter movable disks. The disks may be rotated to position the windows on a 0.267 m (10.5 in.) radius. The third pair of windows is located in a fixed position downstream of the movable windows.

The strut for sting-mounted models is extended through the tunnel

TEST FACILITY DESCRIPTION (Continued)

floor when in use. The strut has a chord length of 1.22 m (4 ft.) and is 20.32 cm (8 in.) thick, and can be rotated in the vertical plane about a pin located 24.13 cm (9.5 in.) below the test section floor. The angle-of-attack can be remotely varied from -5° to $+20^{\circ}$.

A ceiling strut assembly is available. This assembly consists of the strut proper to which the model is attached, and the anchoring structure and angle-of-attack mechanism which are outside the test section.

Strut thickness may vary up to 25.4 cm (10 in.) and the chord length up to 2.13 m (7 ft.). The maximum chord length is determined by the angle-of-attack requirement.

Angle-of-attack of the model is remotely controlled by a screwjack mechanism which rotates the strut around a 7.62 cm (3 in.) diameter pin located 17.78 cm (7 in.) above the inside surface of the tunnel top plate. The angle-of-attack range is determined by model size and strut attachment details. Electrical wiring from the strut is connected to terminal panels on top of the test section. Pressure tubing is connected to scanivalves located on top of the test section.

An auxiliary strut is provided to hold a nozzle plug-actuating mechanism or tail rake when a suspended model is used. The strut is designed to rotate about the ceiling strut center of rotation at a radius of 3.73 m (12 ft. 3 in.).

All electrical and pressure connections on top of the test section

TEST FACILITY DESCRIPTION (Continued)

are the same as used with the ceiling strut.

A high pressure air storage facility is available with a capacity of 6120 m^3 ($216,000 \text{ ft}^3$) of standard dry air at $1.83 \times 10^7 \text{ N/m}^2$ (2650 psi) for use at the tunnel. Two other air storage facilities are interconnected with it. These are a 4110 m^3 ($145,000 \text{ ft}^3$) system located at the 8×6 wind tunnel and a $17,600 \text{ m}^3$ ($620,000 \text{ ft}^3$) system located at the 9×15 test section. The three facilities together provide a total capacity of $27,800 \text{ m}^3$ ($981,000 \text{ ft}^3$) of standard dry air for use at the 10×10 wind tunnel. They are charged by a pump having a capacity of $0.24 \text{ m}^3/\text{sec}$ ($500 \text{ ft}^3/\text{min}$) of standard air. Total charging time from $2.76 \times 10^6 \text{ N/m}^2$ (400 psi) to $1.83 \times 10^7 \text{ N/m}^2$ (2650 psi) is approximately 28 hours for the combined systems. A variable pressure air supply system with a capacity of 45.4 kg/sec (100 lb/sec) is available at pressures up to $1.03 \times 10^6 \text{ N/m}^2$ (150 psi). A service air system with a capacity of 0.91 kg/sec (2 lb/sec) continuous service is available at $8.62 \times 10^5 \text{ N/m}^2$ (125 psi).

A hydraulic system is available for actuation or positioning of a model and/or its components. This system consists of three pumps each rated at $1.26 \times 10^{-3} \text{ m}^3/\text{sec}$ (20 gal/min). The pumps are connected in parallel and may be used in any combination. The maximum capacity of the system is $3.79 \times 10^{-3} \text{ m}^3/\text{sec}$ (60 gal/min) at $2.07 \times 10^7 \text{ N/m}^2$ (3000 psi).

The liquid fuel system is made of stainless steel and has a total flow capacity of $4.42 \times 10^{-3} \text{ m}^3/\text{sec}$ (70 gal/min) at $2.76 \times 10^5 \text{ N/m}^2$ (40 psi). The maximum pressure available is $6.55 \times 10^6 \text{ N/m}^2$ (950 psi) at

TEST FACILITY DESCRIPTION (Concluded)

a flow of $1.89 \times 10^{-3} \text{ m}^3/\text{sec}$.

Further facility details are presented in Reference 1.

TEST PROCEDURES

Installation

The model was supported using the NASA Lewis sting strut system through the tunnel floor. A remotely actuated hydraulic servocontrolled yaw mechanism was utilized so that both pitch and yaw could be varied from the control room. For integrated testing the model components were supported using a multiple sting arrangement. Figures 3a through 3e show installation details and general model configurations. All pressure lines, water cooling lines, and instrumentation cables were routed along the outside of the sting to a terminal panel in the top of the strut. Water cooling was provided for each scanivalve assembly, the model angle-of-attack indicator and the model yaw potentiometer. Thermocouples were attached to the scanivalves and angle-of-attack transmitter. Specific details of the installation are presented in Reference 2.

Calibrations

The scanivalve transducers were calibrated with each data point by supplying two known pressures to the valve and calculating a sensitivity from the outputs. The slopes were tabulated on-line for each data point so that transducer "health" could be monitored continuously. Model angle-of-attack was calibrated daily using a clinometer on leveling plates which could be mounted on the models. Strut height was varied with angle-of-attack in an effort to keep the model in a relatively constant position in the tunnel. Model yaw was calibrated using a plumb bob dropped from the external tank spike nose to the tunnel floor.

TEST PROCEDURES (Continued)

Operating Procedures

The operating procedure for this test was to pump the tunnel down to 1500 pounds per square foot and take a data call to determine if any pressures were plugged. Once this was accomplished pumping was continued to 300 pounds per square foot where the tunnel drive was synchronized to pass the starting shock over the model at low Reynold's number. Once started, the tunnel conditions were varied until the desired Mach number, total pressure and temperature were obtained. Three pitch runs were made at each Mach number, at angles of yaw of 0° and $\pm 5^{\circ}$. During each of these runs the model was pitched to angles-of-attack of -5° , 0° , and $+5^{\circ}$. Runs were conducted on each configuration at Mach numbers of 2.5, 3.0 and 3.5. After a running shift was completed, the total pressure was again dropped to 300 pounds per square foot to pass the shock and unstart the tunnel. A post run data call was taken at 1500 pounds per square foot to recheck plugged pressure ports.

Data Acquisition

Steady state pressure data acquired during data calls were recorded by the CADDE II system. The CADDE system is a low speed voltage scanner/digitizer designed to convert steady state direct current signals to digital numbers at a rate of twenty-five samples per second. The raw data is recorded on digital magnetic tape and certain parameters may be displayed in the control room on a flexowriter. A limited amount of processed data may be displayed in the control room in the form of

TEST PROCEDURES (Concluded)

tabulated and plotted data.

During the integrated phase of testing two data calls were recorded at each test point because the CADDE II system has a 500 word capacity and the amount of data to be collected exceeded this limit. Program and patchboard switching were accomplished in the control room between data calls. This limit was not exceeded for any of the other configurations and one data call per test point was sufficient. Two scanivalve stepping rates were available for each configuration. The faster of the two rates, approximately four ports per second, was used for the majority of testing. A limited number of data calls were taken at the slower rate, approximately two ports per second, to determine if the faster scan rate allowed the scanivalves to stabilize.

DATA REDUCTION

Tunnel test conditions were reduced according to NASA/Lewis Research Center methods and presented in engineering units. They include:

Freestream Mach number, dimensionless

Stagnation pressure, psfa

Static pressure, psfa

Dynamic pressure, psf

Static Temperature, °R

Reynold's number, per ft x 10⁻⁶

Model angle-of-attack was computed using a polynomial curve fit of data from in-tunnel calibrations. Model yaw angle was computed from polynomial curve fits of in-tunnel calibration data. Strut height and strut angle were also computed using NASA/Lewis supplied curve fits.

Model pressures were measured utilizing scanivalves mounted in each instrumented component. The scanivalves were calibrated with every data call by supplying two known pressures to each valve and calculating sensitivities from the outputs. The following parameters were calculated from the scanivalve transducer data:

P_i = pressure i, psfa

P_i/P = ratio of pressure i to static pressure

P_i/P_0 = ratio of pressure i to stagnation pressure

$$C_{P_i} = \frac{P_i - P}{q_0}$$

DATA REDUCTION (Concluded)

where P_i = pressure i, psfa
 P = static pressure, psfa
 q_o = dynamic pressure, psf

$$C_{P_{si}} = \frac{P_i - P_o}{q_o}$$

where P_i = pressure i, psfa
 P_o = stagnation pressure, psfa
 q_o = dynamic pressure, psf

$C_{P_i}/C_{P_{si}}$ = ratio of static to stagnation pressure coefficients

REFERENCES

1. NASA TMX-71625, "NASA Technical Memorandum, NASA/Lewis 10 x 10-Foot Supersonic Wind Tunnel," dated November, 1974.
2. SD78-SH-0052, "Pretest Information for Tests of the 0.035-Scale Space Shuttle Vehicle Model 84-OTS in the NASA/Lewis Research Center 10 x 10 Supersonic Wind Tunnel (Test IH11)," dated February, 1978.

TABLE II

TEST: IM11		DATA SET/RUN NUMBER COLLATION SUMMARY														DATE: 6/18/78	
DATA SET IDENTIFIER	CONFIGURATION	SCHD. α β	TEST RUN NUMBERS														
			2-5	3-0	3-5	MACH NUMBERS											
RG1*01	OTS	A-5	3	9	6												
02	↑	↑	2	8	5												
03		5	1	7	4												
04		-5	10														
05		0	11														
06	↑	5	12														
07	OT	-5	21	16	15												
08	↑	0	20	17	14												
09	↑	5	19	18	13												
10	OT	-5	30	25	24												
11	↑	0	29	26	23												
12	↑	5	28	27	22												
13	↑	-5	48	43	42												
14	↑	0	47	44	41												
15	↑	5	46	45	40												
16	↑	-5	39	34	33												
17	↑	0	38	35	32												
18	↑	5	37	36	31												
			7	13	19	25	31	37	43	49	55	61	67	75	76		

α OR β SCHEDULES
A) -5, 0, 5

* SEE KEY FOR COMPONENT IDENTIFICATION
IDVAR (1) ICVAR (2) NDV

TABLE II (Concluded)

DATA SET/RUN NUMBER COLLATION SUMMARY
 COMPONENT IDENTIFICATION KEY

<u>DATA SET IDENTIFIER</u> <u>4TH CHARACTER</u>	<u>COMPONENT</u>
B	Orbiter Fuselage
L	Orbiter Lower Wing
U	Orbiter Upper Wing
V	Orbiter Vertical Tail
Ø	Orbiter ØMS Pod
R	Orbiter Forward RCS
P	Total Pressure Rake
A	ET Attach Hardware
T	External Tank (ET)
C	ET Cable Tray Fairing
D	ET LO2 Bracket
E	ET LH2 Bracket
F	ET LO2 Feedline Fairing
G	ET LO2 Feedline Bracket
H	ET LO2 Antigeyser Fairing
I	ET Aft Electrical Conduit Fairing
J	ET LO2 Pressure Line Bracket
S	Solid Rocket Booster, Left (SRB)
K	SRB Forward Separation Motor
Q	SRB Protuberances
M	SRB Aft Separation Motor
N	SRB Attach Hardware

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B₆₄

GENERAL DESCRIPTION: The body is to the baseline definition space shuttle vehicle configuration 5, MCR 200, Rev. 7 dated 10/17/74.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, #MDV-70 Baseline IML

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Ref. length: OML $X_0 = 238-1528.3$, In.	1290.3	45.161
Length (IML $X_0 = 239.5$), In.	1288.8	45.108
OML Max. Width, In. $X_0 = 1516.801$	262.718	9.195
IML Max. Width, In. $X_0 = 1516.301$	260.718	9.125
OML Max, Depth, In. $X_0 = 1463.316$	248.575	8.700
IML Max. Depth, In. $X_0 = 1463.316$	246.575	8.630
OML Fineness Ratio	5.191	5.191
IML Fineness Ratio	5.1525	5.5125
Area - Ft ²		
Max. Cross-Sectional @ $X_0 = 1463.316$	340.82	0.418

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C14

GENERAL DESCRIPTION: The canopy is that part of the forward fuselage which covers the crew module. Vehicle 5 Configuration, MCR 200, Rev. 7.

MODEL SCALE: 0.035

DRAWING NUMBER: VL70-000140C, VC70-000002, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length ($X_0 = 435.196$ to 670.0)	234.80	8.218
Max. Width @ $X_0 = 594.0$	195.58	6.845

Windshield Panes:

$$0.7012 X_0 - .2552 Y_0 - .6656 Z_0 - 6.1789 = 0$$

$$0.5710 X_0 - .5641 Y_0 - .5965 Z_0 + 32.7354 = 0$$

$$0.2636 X_0 - .7564 Y_0 - .5965 Z_0 + 189.4094 = 0$$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON - E63

GENERAL DESCRIPTION: Elevon for Configuration 5, hingeline at $X_0 = 1387$, elevon split line, $Y_0 = 312.5$, 6.0" gaps beveled edges, and centerbodies "OML" used on W129. Ref. MCR 200, Rev. 7, dated 10-17-74.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002A

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Area used for C_{He} computation	210.0	0.257
Area - Ft ²	206.57	0.253
Span (equivalent), in.	346.44	12.125
Inb'd equivalent chord, in.	116.50	4.078
Outb'd equivalent chord, in.	55.219	1.933
Ratio movable surface chord/ total surface chord		
At inb'd equiv. chord	0.2137	0.2137
At outb'd equiv. chord	0.3999	0.3999
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
Area Moment (Area X MAC), Ft. ³	1540.74	0.066
Mean Aerodynamic chord, In.	89.50	3.133

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP (OUTER MOLD LINES) - F₁₄

GENERAL DESCRIPTION: Orbiter body flap vehicle 5 Configuration, MCR 200, Rev. 7. "OML" to be used with B₆₄. Hingeline X₀ 1532.0 Y₀ = -1280.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Area, Ft ²	134.125	0.164
Span (equivalent), In.	238.00	8.330
Inb'd equivalent chord, In.	81.00	2.835
Outb'd equivalent chord, In.	81.00	2.835
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord		
At Outb'd equiv. chord		
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edge	0.0	0.0
Hingeline	0.0	0.0
Area Moment (Product of \bar{c} & Area), Ft ³	905.344	0.039
Mean Aerodynamic Chord, In.	81.0	2.835

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS PODS (OML) - M₁₈

GENERAL DESCRIPTION: Vehicle 5 Configuration MCR 200, Rev. 7, orbiter
 OMS pod - short pod.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, VL70-008410, MDV-70

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length, In. (X _o 1311 to 1511)	200.00	7.00
Max. Width, In. (X _p 304, X _o 1511)	135.75	4.751
Max. Depth, In. (X _p 304, X _o 1511)	74.50	2.608
Fineness Ratio	1.937	1.937
Area - Ft ²		
Max. Cross-Sectional @ X _p 304	58.169	0.071

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS NOZZLES - N₉₂

GENERAL DESCRIPTION: The two orbiter maneuvering system nozzles are laval-bell shaped and are located at the aft end of the OMS pod. OMS nozzles in stowed position are outboard 9° and down 7° from null position.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, SS-A01240

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane	56.00	1.960
Diameter - In.		
Exit	50.00	1.750
Throat	27.778	0.972
Area - Ft ²		
Exit	13.634	0.0167
Throat	4.205	0.005
Gimbal Point (Station) - In.		
Left Nozzle		
X ₀	1518.00	53.130
Y ₀	- 88.00	- 3.080
Z ₀	492.00	17.220
Right Nozzle		
X ₀	1518.00	53.130
Y ₀	+ 88.0	+ 3.080
Z ₀	492.0	17.220
Null Position - Deg.		
Left Nozzle		
Pitch	15°49' Up	15°49' Up
Yaw	6°30' Outb'd	6°30' Outb'd
Right Nozzle		
Pitch	15°49' Up	15°49' Up
Yaw	6°30' Outb'd	6°30' Outb'd

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: MPS NOZZLES - N94

GENERAL DESCRIPTION: The main propulsion nozzles are laval-bell shaped and are located on the aft planes of the orbiter. The dimensions are external and not to be scaled for plume tests.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, VL70-008144, RSO9189, SS-A01216

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane	156.69	5.484
Diameter - In.		
Exit (O.D.)	93.75	3.281
Area - Ft ²		
Exit	1445.00	1.770
Gimbal Point (Station) - In.		
Upper Nozzle		
X ₀	1445.00	50.575
Y ₀	0.00	0.00
Z ₀	443.00	15.505
Lower Nozzles		
X ₀	1468.170	51.386
Y ₀	+ 53.00	+ 1.855
Z ₀	34.264	1.199
Null Position - Deg.		
Upper Nozzle		
Pitch	16° Up	16° Up
Yaw	0.0	0.0
Lower Nozzle		
Pitch	10.0 Up	10.0 Up
Yaw	3.5 Outb'd	3.5 Outb'd

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SOLID ROCKET BOOSTER NOZZLES - N113

GENERAL DESCRIPTION: SRB nozzle used with S28

MODEL SCALE: 0.035

DRAWING NUMBER: VC77-000002D

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Diameter, D _{ox} - In. (I.D.)	145.64	5.097
Diameter, D _{ox} - In. (O.D.)	147.64	5.167
Diameter, D _T - In.	-	-
Diameter, D _{in} - In.	-	-
Area - Ft ²	115.688	0.1417
Gimbal Center Coordinates:		
Left Nozzle		
X _B - cold	1863.458	65.221
X _B - hot	1875.358	65.637
Y _O	- 250.50	- 8.767
Z _T	400.0	14.00
Right Nozzle		
X _B - cold	1863.458	65.221
X _B - hot	1875.358	65.637
Y _O	250.50	8.767
Z _T	400.0	14.00
Null Position - Deg.		
Left Nozzle	0	0
Right Nozzle	0	0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: RUDDER - R₁₈

GENERAL DESCRIPTION: The rudder is a secondary movable airfoil at the trailing edge of the vertical fin that imparts yaw forces. This dimensional data was calculated from the OML master dimensions 7/19/74.

MODEL SCALE: 0.035

DRAWING NUMBER: Vehicle 5 configuration, MCR 200 Rev. 7

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Ref. Area - Ft ²	106.58	0.131
Area, Ft ²	97.84	0.120
Span (equivalent), In.	198.614	6.951
Inb'd equivalent chord, In.	91.07	3.187
Outb'd equivalent chord, In.	50.80	1.778
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.833	34.833
Trailing Edge	26.249	26.249
Hingeline	34.833	34.833
Area Moment (MAC x Area), Ft ³	593.889	0.025
Mean Aerodynamic Chord, In.	72.840	2.549

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S₂₈

GENERAL DESCRIPTION: The booster solid rocket motor is an external propulsion system which is jettisoned and recoverable after burnout. The boosters can be refurbished and reused after recovery. Protuberances simulated include forward and aft separation motors, forward and aft attach points, cable tray and cable systems tunnel, command destruct antennas, stiffener rings, actuate brackets and skirt tie-down posts.

MODEL SCALE:

DRAWING NUMBER: VC77-000025

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length	1725.2	60.382
Max. Width, Tank Diameter, In.	145.99	5.110
Max. Depth, Aft Skirt Diameter, In.	208.2	7.29
Fineness Ratio	8.286	8.286
Area		
Max. Cross-Sectional	236.422	.2896
W.P. of BSRM Centerline	400.0	14.000
F.S. of BSRM	735.5	25.742
B.P. of BSRM Centerline	250.5	8.769

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: EXTERNAL TANK - T₄₀

GENERAL DESCRIPTION: External oxygen/hydrogen propellant tank with spike nose. The following protuberances are simulated: Forward electrical conduit, LO₂ pressure, antigeyser and feedlines, cable tray and fairing, IH₂ pressure and feedlines, associated brackets, forward and aft orbiter attachments.

MODEL SCALE:

DRAWING NUMBER: VC78-000002G

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length	1850.525	64.768
Max. Width, diameter	331.00	11.585
Fineness Ratio	5.590	5.590
Area		
Max. Cross-Sectional	597.56	.7320
W.P. of Tank Centerline	400.00	14.000
F.S. of Tank Nose	322.50	11.287
B.P. of Tank Centerline	0.00	0.00

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: UMBILICAL DOOR - U₂

GENERAL DESCRIPTION: Orbiter/external tank umbilical doors.

Rectangular doors in lower surface of orbiter to accommodate LO₂ and LH₂ feedlines. Data are listed for one of two sides.

MODEL SCALE: 0.035

DRAWING NUMBER:

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length, In. (X ₀ 1311 to X ₀ 1361.5)	50.50	1.768
Width, In. (X ₀ 52.10 to X ₀ 103.09)	50.19	1.757
Planform Area, Ft ²	17.6	0.00215
Forward Hinge, X _T	1315.75	46.051
Aft Hinge, X _T	1356.75	47.486

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL - V₂₃

GENERAL DESCRIPTION: The vertical tail is double wedge shaped and mounted dorsally on the aft fuselage. These data correspond to vehicle 5 configuration, MCR 200, Rev. 7.

MODEL SCALE: 0.035

DRAWING NUMBER: VC70-000002, master dimensions.

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
TOTAL DATA		
Area (Theo.), ft ² Planform	413.253	0.506
Span (Theo.), in.	315.72	11.050
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo.) WP	268.50	9.398
Tip (Theo.) WP	108.47	3.796
MAC	199.81	6.993
Fus. Sta. of .26 MAC	1463.50	51.223
W.P. of .25 MAC	635.52	22.243
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Leading Wedge Angle, deg.	10.0	10.0
Trailing Wedge Angle, deg.	14.92	14.92
Leading Edge Radius	2.00	0.070
Void Area	13.17	0.016
Blanketed Area	0.00	0.00

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MODEL COMPONENT: WING - W129		
GENERAL DESCRIPTION: The wing is the primary lifting device and is mounted horizontally and is symmetric about the plane $Y_0 = 0$. A cuff fairs the fuselage to the wing's leading edge @ T_0 940 to 1084.		
MODEL SCALE: 0.035 DRAWING NO.: VC70-000002		
<u>TOTAL DATA</u>		
Area (Theo.), ft^2		
Planform	2690.00	3.295
Span (Theo.), in.	936.68	32.784
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees		
Sweep Back Angles, degrees		
Leading Edge	45	45
Trailing Edge	10.056	10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo.) B.P.O.O.	689.243	24.124
Tip, (Theo.) B.P.	137.849	4.825
MAC	474.812	16.618
Fus. Sta. of .25 MAC	1136.834	39.789
W.P. of .25 MAC	290.857	10.180
B.L. of .25 MAC	182.132	6.375
<u>EXPOSED DATA</u>		
Area (Theo.), ft^2	1751.50	2.146
Span, (Theo.), in. BP108	720.68	25.224
Aspect Ratio	2.060	2.060
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.090	19.673
Tip 1.00 b/2	137.849	4.825
MAC	392.826	13.749
Fus. Sta. of .25 MAC	1186.50	41.528
W.P. of .25 MAC	293.683	10.279
B.L. of .25 MAC	251.769	8.812
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root b/2 =	0.1136	0.1136
Tip b/2 =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area, ft^2	145.4	0.178
Leading Edge Intersects Fus M.L. @ Sta	500.0	17.500
Leading Edge Intersects Wing @ Sta	1084.0	37.940

TABLE IV. INSTRUMENTATION LOCATIONS
a. Orbiter

<u>Orifice Number</u>	<u>F.S. In.</u>	<u>B.P. In.</u>	<u>W.P. In.</u>	<u>X/λref</u>	<u>Remarks</u>
1	8.225	0.00	-	0.000	Nose Centerline
2	9.345	0.00	-	0.025	Upper Centerline
3	9.349	0.00	-	0.025	Lower Centerline
4	10.473	0.00	-	0.050	Lower Centerline
5	11.596	0.00	-	0.075	Upper Centerline
6	11.596	0.00	-	0.075	Lower Centerline
7	12.720	2.135	-	0.100	Lower Surface
8	12.720	1.680	-		Lower Surface
9	12.720	1.435	-		Lower Surface
10	12.720	.770	-	↓	Lower Surface
11	12.720	0.00	-	0.100	Lower Centerline
12	13.844	0.00	-	0.125	Lower Centerline
13	14.968	0.00	-	0.150	Upper Centerline
14	14.968	0.00	-	0.150	Lower Centerline
15	15.417	0.00	-	0.160	Upper Centerline
16	16.316	0.00	-	0.180	Upper Centerline
17	15.950	0.758	16.161	-	Centerline Window #1
18	16.454	1.618	16.113	-	Centerline Window #2
19	17.280	2.208	16.065	-	Centerline Window #3
20	18.339	0.00	-	0.220	Upper Centerline
21	19.375	-	14.000	0.250	L.H. Side
22	30.701	0.00	-	0.500	Upper Centerline
23	30.701	-	14.000	0.500	L.H. Side
24	30.701	0.00	-	0.500	Lower Centerline
25	39.691	-	11.763	0.700	Fuselage/Wing Juncture
26	44.186	0.00	-	0.800	Upper Centerline
27	44.186	0.00	-	0.800	Lower Centerline
28	46.434	-	14.00	0.850	L.H. Side
29	46.434	-	10.79	0.850	Fuselage/Wing Juncture
30	46.434	0.00	-	0.850	Lower Centerline
31	46.434	3.780	-	0.850	L.H. Lower Surface
32	46.434	1.750	-	0.850	L.H. Lower Surface
33					Omitted
34					Omitted
35	49.152		9.695	0.910	L.H. Side - Aft Fuselage
36	48.681	0.00	-	0.900	Lower Centerline- Aft Fuselage
37	50.929	0.00		0.950	Lower Centerline- Aft Fuselage

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Continued)

Orifice Number	F.S. In.	B.P. In.	W.P. In.	X/l _{ref}	Remarks
38	52.286	0.00	14.000	0.983	L.H. Side - Aft Fuselage
39	52.569		12.390	0.990	L.H. Side - Aft Fuselage
40	52.750		11.025	0.991	L.H. Side - Aft Fuselage
41	52.750		9.695	0.991	L.H. Side - Aft Fuselage
42	43.960	2,450	-		Lower Fuselage - Umbilical Door
43	44.186	2.450	-	-	
44	44.870	2.450	-	-	
45	45.745	2.450	-	-	
46	45.745	1.820	-	-	
47	45.815	3.430	-	-	
48	45.920	3.675	-	-	
49	47.740	3.010	-	-	
50	47.740	2.450	-	-	
51	46.200	2.450	-	-	
52	46.586	2.100	-	-	
53	47.040	2.520	-	-	
54	46.585	2.835	-	-	
55	40.350	9.835	-	0.100	L.H. Wing Lower Surface X/C = .10
56	41.604	9.835	-	0.200	X/C = .20
57	44.113	9.835	-	0.400	X/C = .40
58	46.622	9.835	-	0.600	X/C = .60
59	49.131	9.835	-	0.800	X/C = .80
60	51.640	9.835	-	0.990	X/C = .99
61	40.350	9.835	-	0.100	L.H. Wing, Upper Surface X/C = .10
62	41.604	0.835	-	0.200	X/C = .20
63	44.113	9.835	-	0.400	X/C = .40
64	44.622	9.835	-	0.600	X/C = .60
65	49.131	9.835	-	0.800	X/C = .80
66	51.640	9.835	-	0.990	X/C = .99
67	45.782	0.00	17.500	0.000	Fuselage/ Vertical Tail Juncture
68	47.968	0.363	17.743	0.400	Fuselage/ Vertical Tail Juncture

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Continued)

Orifice Number	F.S. In.	B.P. In.	W.P. In.	X/ ref	Remarks
69	-	0.00	18.320	0.000	Vertical Tail Leading Edge
70	-	0.00	18.605	0.000	
71	-	0.00	24.130	0.000	
72	51.960	0.099	24.130	0.100	,L.H. Side
73	52.563	0.152	24.130	0.200	,L.H. Side
74	53.770	0.258	24.130	0.400	,L.H. Side
75	54.980	0.363	24.130	0.600	,L.H. Side
76	56.185	0.198	24.130	0.800	,L.H. Side
77	-	0.00	24.130	1.000	,Trailing Edge
78	-	0.00	27.998	0.000	,Leading Edge
79	56.446	0.014	27.998	0.300	,L.H. Side
80	58.485	0.121	27.998	0.800	,L.H. Side
81	56.979	0.00	-	0.300	,Tip
82	58.602	0.00	-	0.800	,Tip
83	46.111	1.200	17.388	0.025	Fuselage/OMS Juncture L.H.
84	49.504	0.978	17.857	0.400	
85	52.766	0.884	17.987	0.756	
86	45.885	2.316	16.980	0.000	
87	45.885	3.539	16.020	0.000	
88	46.111	3.908	16.085	0.025	L.H. OMS Pod
89	46.337	4.123	16.123	0.050	
90	46.790	4.404	16.173	0.100	
91	47.695	4.761	16.236	0.200	
92	49.504	5.129	16.301	0.400	
93	51.314	5.244	16.321	0.600	
94	52.768	5.291	16.329	0.756	
95	54.873	5.280	16.658	0.915	
96	45.885	3.685	15.630	0.000	
97	46.337	3.716	14.960	0.050	
98	48.600	3.882	14.643	0.300	
99	52.766	4.160	14.751	0.756	
100	-	0.00	-	-	Forward RCS ,Thruster #122, nozzle wall
101	-	0.00	-	-	,downstream of Thruster #122
102	-	0.00	-	-	,Thruster #122, Bottom of Nozzle
103	-	0.00	-	-	,Thruster #125, Nozzle Wall
104	-	0.00	-	-	,Downstream of Thruster #125
105	-	0.00	-	-	,Thruster #125, Bottom of nozzle

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
a. Orbiter (Concluded)

<u>Orifice Number</u>	<u>F.S. In.</u>	<u>B.P. In</u>	<u>W.P. In</u>	<u>X/λ Ref.</u>	<u>Remarks</u>
106	-	-	-	-	Forward RCS -
107	-	-	-	-	, Thruster #116
108	-	-	-	-	, Downstream of Thruster #116
109	-	-	-	-	, Thruster #126, Nozzle Wall
110	-	-	-	-	, Downstream of Thruster #126
111	-	-	-	-	, Thruster #123, Nozzle Wall
112	-	-	-	-	, Downstream of Thruster #123
					, Thruster #123 Bottom of Nozzle

TABLE IV. INSTRUMENTATION LOCATIONS*
b. External Tank

Orifice Number	Tank Sta. In.	θ Degrees	X/l ref.	Remarks
301	11.515	0°	0.003	Nose Spike
302	11.725	0°	0.007	
303	11.830	0°	0.008	
304	11.978	0°	0.011	
305		180°		
306		225°		
307		270°		
308	11.978	315°		
309	12.093	0°	0.013	
310		180°		
311		225°		
312		270°		
313	12.093	315°		
314	12.408	0°	0.017	
315		180°		
316		225°		
317		270°		
318	12.408	315°		
319	12.740	0°	0.023	
320		180°		
321		225°		
322		270°		
323	12.740	315°		
324	13.129	0°	0.029	
325		180°		
326		202.5°		
327		225°		
328		247.5°		
329		270°		
330		292.5°		
331		315°		
332	13.129	337.5°		
333	14.746	0°	0.054	On Ogive
334		180°		
335	14.746	270°		
336	15.876	0°	0.071	
337		180°		
338	15.876	270°		
339	16.359	0°	0.078	
340		180°		
341	16.359	270°		
342	17.976	0°	0.104	
343		180°		
344	17.976	270°		

*Some T/C locations were combined to nearest θ for continuous presentation in collated data listings.

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/l ref.</u>	<u>Remarks</u>
345	21.210	0°	0.154	On Ogive
346		180°		
347	21.210	270°		
348	24.430	0°	0.204	
349		180°		
350	24.430	270°		
351	26.303	0°	0.233	
352		180°		
353	26.303	270°		
354	27.878	0°	0.257	
355		180°		
356		270°		
357	29.453	0°	0.281	
358		180°		
359		270°		
360	29.453	315°		
361	12.355	31.5°	0.017	Nose Spike,
362	12.495	15°	0.019	forward cable tray
363		31.5°		fairing
364	12.495	47°		
365	12.740	15°	0.022	
366		31.5°		
367	12.740	47°		
368	14.000	17°	0.042	On Ogive, in front
369		24.3°		of LO ₂ bracket #2
370		31.5°		
371		38.7°		
372	14.000	46.1°		
373	14.081	31.5°	0.043	On front of LO ₂
				bracket #2
374	15.276	21.5°	0.062	On Ogive, in front
375		26.5°		of LO ₂ bracket #3
376		31.5°		
377		36.5°		
378	15.276	41.5°		
379	15.311	31.5°	0.062	On front of LO ₂
				bracket #3
380	16.560	27.6°	0.081	On Ogive, in front
381		31.5°		of LO ₂ bracket #4
382	16.560	35.4°		
383	16.595	31.5°	0.082	On front of LO ₂
				bracket #4
384	17.888	28.2°	0.102	On Ogive, in front
385		31.5°		of LO ₂ bracket #5
386	17.888	34.8°		

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

Orifice Number	Tank Sta. In.	θ Degrees	X/l ref.	Remarks
387	17.923	31.5°	0.1024	On front of LO ₂ bracket #5
388	19.262	28.6°	0.123	On ogive, in front of LO ₂ Bracket #6
389		31.5°		
390		34.4°		
391	19.296	31.5°	0.124	On front of LO ₂ bracket #6
292	20.668	28.9°	0.145	On ogive, in front of LO ₂ bracket #7
393		31.5°		
394	20.668	34.1°		
395	20.712	31.5°	0.1455	On front of LO ₂ bracket #7
396	23.557	26.8°	0.189	On ogive, in front of LO ₂ bracket #9
397		29.3°		
398		31.5°		
399		33.8°		
400	23.557	36.2°		
401	23.592	31.5°	0.190	On front of LO ₂ bracket #9
402	26.501	29.3°	0.235	On ogive, in front of LO ₂ bracket #11
403		31.5°		
404	26.501	33.8°		
405	26.536	31.5°	0.2354	On front of LO ₂ bracket #11
406	26.713	29.3°	0.238	On ogive, aft of LO bracket #11
407	26.713	31.5°		
408	26.713	33.8°		
409	27.080	17.9°	0.244	On ogive, between LO ₂ brackets #11 and #12
410	27.080	45.1°	0.244	On ogive, between LO ₂ brackets #11 and #12
411	28.876	29.3°	0.272	On ogive, in front of LO ₂ bracket #13
412		31.5°		
413	28.876	33.8°		
414	28.911	31.5°	0.271	On front of LO ₂ bracket #13
415	31.465	33.42°	0.311	On intertank cable tray fairing
416	31.675	33.07°	0.315	On intertank cable tray fairing
417	31.675	32.00°	0.315	Next to intertank cable tray fairing
418	31.822	33.07°	0.317	On intertank cable tray fairing
419	30.970	0°	0.304	Mid tank, top centerline
420	32.520		0.328	
421	34.070		0.352	
422	35.233		0.370	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/l_{ref.}</u>	<u>Remarks</u>
423	36.331	0°	0.387	Mid tank, top centerline
424	37.429		0.404	
425	38.592		0.422	
426	39.310		0.433	
427	39.805		0.440	Aft tank, top centerline
428	40.852		0.456	
429	42.053		0.475	
430	43.049		0.490	
431	47.570		0.560	
432	52.027		0.629	
433	56.548		0.699	
434	61.006		0.768	
435	65.527		0.837	
436	69.984		0.906	
437	71.576		0.931	
438	72.030	0°	0.938	
439	30.970	180°	0.304	Mid tank, lower centerline
440	39.310		0.433	Mid tank, lower centerline
441	47.570		0.560	Aft tank, lower centerline
442	56.548		0.699	
443	65.527		0.837	
444	72.030	180°	0.938	
445	30.970	270°	0.304	Mid tank, L.H. Centerline
446	32.520		0.328	
447	34.070	270°	0.352	
448	33.919	273°	-	Upstream of forward ET/ SRB attach point
449	34.059		-	
450	34.129	273°	-	
451	34.874	270°	-	On forward ET/SRB attach point
452	35.733		0.370	
453	36.331		0.387	Mid tank, L.H. centerline
454	37.429		0.404	
455	38.592		0.422	
456	39.310		0.433	
457	43.049		0.490	Aft tank, L.H. centerline
458	47.570		0.560	
459	52.027		0.629	
460	56.548		0.699	
461	61.006		0.768	
462	65.527		0.837	
463	69.984		0.906	
464	71.276		0.926	
465	72.030	270°	0.937	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/λ_{ref.}</u>	<u>Remarks</u>
466	71.776	250.5°	0.934	Upstream of aft lower ET/SRB attach point
467	71.873	250.5°	0.935	Upstream of aft lower ET/SRB attach point
468	71.873	247.5°	0.935	Adjacent to aft lower ET/SRB attach point
469	71.930	247°	0.936	Adjacent to aft lower ET/SRB attach point
470	71.696	289.5°	0.933	Upstream of aft upper ET/SRB attach point
471	71.843	289.5°	0.935	Upstream of aft upper ET/SRB attach point
472	72.030	283.9°	0.938	Adjacent to aft upper ET/SRB attach point
473	65.075	309.37°	0.830	Upstream of L.H. longeron
474	65.398	309.37°	0.835	
475	65.721	303°	0.840	Adjacent to L.H. longeron
476	65.721	315°	0.840	
477	65.713	309.37°	0.840	On L.H. longeron forward
478	72.010	309.37°	0.937	clevis bracket
479	71.768	312.58°	0.934	On aft L.H. longeron
480	71.873	312.58°	0.935	
481	72.030	316.78°	0.938	Adjacent to L.H. longeron
482	37.114	330°	0.399	Upstream of LH ₂ fairing
483	37.314	330°	0.402	On LH ₂ fairing
484	37.611	331.5°	0.406	Adjacent to LH ₂ fairing
485	39.310	327°	0.433	Adjacent to LH ₂ pressure
486	39.310	333°	0.433	line, intertank region
487	39.901	329°	0.442	On aft tank
488	40.204	328°	0.446	On aft tank, in front of LH ₂ pressure line bracket #2
489	40.204	329°	0.446	On aft tank, in front of LH ₂ pressure line bracket #2
490	40.204	332°	0.446	
491	40.232	329°	0.447	On front of LH pressure line bracket #2
492	46.612	328°	0.545	On aft tank, in front of LH ₂ pressure line bracket #5
493	46.612	329°	0.545	
494	46.612	332°	0.545	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>X/l ref.</u>	<u>Remarks</u>
495	46.640	329°	0.546	On front of LH2 pressure line bracket #5
496	71.924	328°	0.936	On aft tank, in front of LH2 pressure line bracket #16
497	71.924	329°	0.936	
498	71.924	332°	0.936	
499	71.952	329°	0.937	On front of LH2 pressure line bracket #16
500	72.051	341°	0.938	Vacinity of LH2 feed line/tank penetration
501	72.226	340°	0.941	
502	72.814	334.5°	0.950	
503	72.814	343.75°	0.950	
504	71.703	355°	0.933	Vacinity of sway strut fitting
505	71.803	355°	0.934	
506	71.803	357.1°	0.934	
507	37.429	337.5°	0.404	Intertank region
508	38.592	337.5°	0.422	
509	39.310	337.5°	0.433	
510	39.805	337.5°	0.440	
511	38.915	343°	0.427	Intertank region, upstream of orbiter forward attach-strut
512	39.372		0.434	
513	39.442		0.435	
514	39.652		343°	0.438
515	38.915	348°	0.427	Intertank region, upstream of orbiter forward attach strut
516	39.238		0.432	Intertank region, upstream of Orbiter forward attach strut
517	39.561		0.437	Intertank region, below Orbiter forward attach strut

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)

b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	<u>θ Degrees</u>	<u>x/l ref.</u>	<u>Remarks</u>
518	39.884	348 ^o	0.442	Intertank region aft of Orbiter forward attach strut
519	39.310	11.25 ^o	0.433	Intertank region, upstream of Orbiter forward attach strut
520	39.310	15 ^o	0.433	
521	38.915	17 ^o	0.427	
522	39.238	17 ^o	0.432	
523	39.372	17 ^o	0.434	
524	39.442	18 ^o	0.435	
525	39.310	19 ^o	0.433	
526	34.421	23.067 ^o	0.357	In front of LO2 Feedline fairing
527	34.905	27.537 ^o	0.365	Adjacent to LO2 Feedline fairing
528	34.905	25.742 ^o	0.365	On LO2 Feedline fairing
529	34.905	23.067 ^o	0.365	On LO2 Feedline fairing
530	35.910	29.017 ^o	0.380	Adjacent to LO2 Feedline fairing
531	35.910	23.067 ^o	0.380	On LO2 Feedline fairing
532	38.828	19.767 ^o	0.425	Intertank region, adjacent to LO2 Feedline,
533	39.090		0.429	
534	39.286		0.432	
535	39.384	19.767 ^o	0.434	
536	39.090	23.067 ^o	0.429	On the LO2 Feedline
537	39.339	23.067 ^o	0.433	
538	39.401	23.067 ^o	0.434	
539	39.401	26.367 ^o	0.434	
540	39.469	19.767 ^o	0.435	On front of LO2 Feedline bracket #1
541	39.469	26.367 ^o	0.435	On front of LO2 Feedline bracket #1
542	56.636	19.267 ^o	0.700	In front of LO2 feedline bracket #3
543	56.705	19.267 ^o	0.701	
544	56.705	26.367 ^o	0.701	
545	56.773	19.267 ^o	0.702	On front of LO2 Feedline bracket #3
546	56.773	26.367 ^o	0.702	On front of LO2 Feedline bracket #3
547	68.858	19.767 ^o	0.889	In front of LO2 Feedline bracket #5
548	68.927	19.767 ^o	0.890	
549	68.927	26.367 ^o	0.890	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)

b. External Tank (Continued)

Orifice Number	Tank Sta. In.	θ Degrees	X/l ref.	Remarks
550	68.995	19.767°	0.891	On front of LO2 Feedline bracket #5
551	68.995	26.367°	0.891	On front of LO2 Feedline bracket #5
552	34.499	33.75°	0.358	In front of LO2 Antigeysers fairing
553	34.813	31.79°	0.363	On LO2 Antigeysers fairing
554	34.813	33.75°	0.363	
555	35.465	32.77°	0.373	
556	36.431	31.51°	0.388	Adjacent to LO2 Antigeysers fairing
557	36.431	33.75°	0.388	On LO2 Antigeysers fairing
558	37.604	36°	0.406	On aft electrical conduit fairing
559	37.604	37.70°	0.406	
560	37.755	37.70°	0.409	
561	38.592	29°	0.422	On aft tank, adjacent to LO2 pressure line
562	39.310	29°	0.433	On aft tank, adjacent to LO2 pressure line
563	38.954	32°	0.427	On aft tank, between LO2 pressure and antigeysers lines
564	39.280		0.432	
565	39.434		0.435	
566	39.593		0.437	
567	39.751		32	0.439
568	39.865	30.43°	0.441	On aft tank, adjacent to LO2 pressure line
569	39.865	32	0.441	On aft tank, between LO2 pressure and antigeysers lines
570	39.865	36.5°	0.441	On aft tank, between LO2 antigeysers line and aft conduit fairing
571	40.232	36°	0.447	On front of LO2 pressure line bracket #2
572	55.383	32°	0.681	On aft tank, between LO2 pressure and antigeysers lines
573	55.541	32°	0.683	On aft tank, between LO2 pressure and antigeysers lines
574	55.650	30.43°	0.685	On aft tank, in front of LO2 pressure line bracket #9
575	55.650	32	0.685	On aft tank, between LO2 pressure and antigeysers lines
576	55.650	36.5°	0.685	On aft tank, between LO2 antigeysers line and aft conduit

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
b. External Tank (Continued)

<u>Orifice Number</u>	<u>Tank Sta. In.</u>	θ <u>Degrees</u>	X/l <u>ref</u>	<u>Remarks</u>
577	55.684	36°	0.685	On front of LO2 pressure line bracket #9
578	68.928	32°	0.890	On aft tank, between LO2 pressure and antigeyser lines
579	69.086	32°	0.892	On aft tank, between LO2 pressure and antigeyser lines
580	69.195	30.42°	0.894	On aft tank, in front of LO2 pressure line bracket #15
581	69.195	32°	0.894	On aft tank, between LO2 pressure and antigeyser lines
582	69.195	36.5°	0.894	On aft tank, between LO2 antigeyser line and aft conduit
583	69.250	36°	0.895	On front of LO2 pressure line bracket #15
584	38.592	40°	0.422	On intertank, adjacent to aft conduit fairing
585	39.310	40°	0.433	On intertank, adjacent to aft fairing

<u>Orifice Number</u>	<u>X Length in.</u>	θ <u>Degrees</u>	X/l <u>ref</u>	<u>Remarks</u>
586	1.243	0°	0.500	L. H. Forward ET/ORB strut
587	1.243	90°	0.500	R. H. Forward ET/ORB strut
588	1.243	0°	0.500	ET/ORB Aft Vertical, L. H. strut
589	1.500	0°	0.250	ET/ORB Aft L. H. thrust strut
590	2.823	0°	0.500	
591	4.236	0°	0.750	

<u>Orifice Number</u>	<u>B. L. in.</u>	X/l <u>ref</u>	<u>Remarks</u>
592	3.062	0.023	ET aft support beam, L. H. End forward face
593	1.547	0.250	ET aft support beam, L. H. End forward face
594	0	0.512	ET aft support beam, centerline forward face
595	0	0.512	ET aft support beam, centerline upper surface
596	0	0.512	ET aft support beam, centerline lower surface

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 b. External Tank (Concluded)

<u>Orifice Number</u>	<u>"X" Length in.</u>	<u>X/l ref</u>	<u>Remarks</u>
597	.125	0.670	Forward side LO2 umbilical plate
598	.310	0.793	Forward side LO2 Feedline fitting
599	.520	0.918	Forward side LO2 Feedline
600	.125	0.936	Forward side LH2 umbilical plate
601	.310	0.847	Forward side LH2 Feedline fitting
602	.520	0.670	Forward side LH2 Feedline

<u>Orifice Number</u>	<u>X/gap</u>	<u>X/l ref</u>	<u>Remarks</u>
201	.10	0.100	Total pressure rake, between L. H. SRB and external tank
202	.30	0.300	
203	.50	0.500	
204	.70	0.700	
205	.90	0.900	

TABLE IV. INSTRUMENTATION LOCATIONS
c. Solid Rocket Booster

Orifice No.	SRB Sta in.	θ deg.	X/l ref	Remarks
700	7.00	0	0.000	Nose cone
701	7.50	180	0.0083	
702	7.91		0.015	
703	8.51		0.025	
704	10.02		0.050	
705	11.53		0.075	
706	13.04		0.100	
707	14.04		0.116	In front of lower command destruct antenna
708	19.08		0.119	Lower SRB moldline
709	49.27		0.698	
710	51.68		0.738	
711	52.29		0.748	
712	52.55		0.752	Ahead of aft attach ring
713	52.88		0.757	Between aft attach rings
714	55.31		0.798	Lower SRB moldline
715	60.58		0.884	Ahead of #1 stiffner ring
716	60.61		0.885	On front face of #1 stiffner ring
717	62.12		0.910	Ahead of #2 stiffner ring
718	62.15		0.910	On front face of #2 stiffner ring
719	63.28		0.929	Between #2 and #3 stiffner rings
720	63.70		0.936	Between #2 and #3 stiffner rings
721	64.31		0.946	Ahead of #3 stiffner ring
722	64.34		0.947	On front face of #3 stiffner ring
723	52.55	225	0.752	Ahead of aft attach ring
724	53.06	225	0.760	Ahead of downstream aft attach ring
725				Omitted
726	15.49	270	0.140	In front of cable systems tunnel fairing
727	15.98	270	0.148	On cable systems tunnel fairing
728	52.29	265	0.748	Adjacent to cable systems tunnel
729	52.55	265	0.752	Adjacent to cable systems tunnel

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta. in.	θ deg	X/l_{ref}	Remarks
730	52.29	275	0.748	Adjacent to cable systems tunnel
731	52.55	275	0.752	
732	60.48	265	0.881	
733	60.48	275	0.881	
734	61.77	265	0.904	
735	61.77	275	0.904	
736	63.70	265	0.936	
737	63.70	275	0.936	
738	13.79	0	0.112	Ahead of upper command destruct antenna
739	13.97		0.115	Ahead of upper command destruct antenna
740	14.29		0.120	On upper command destruct antenna
741	14.51		0.124	On upper command destruct antenna
742	19.08		0.199	On SRB upper moldline
743	25.12		0.299	
744	37.19		0.498	
745	49.27		0.698	
746	50.72		0.722	
747	51.68		0.738	
748	52.29		0.748	
749	52.55		0.752	In front of aft attach ring
750	52.67		0.754	On front face of attach ring
751	52.64		0.753	On front face of integrated electronics assembly
752	52.88		0.757	On top of integrated electronics assembly
753	55.30		0.797	On SRB upper moldline
754	59.83		0.872	On SRB upper moldline
755	60.58		0.885	In front of #1 stiffner ring
756	60.61		0.885	On front face of #1 stiffner ring
757	62.12		0.910	In front of #2 stiffner ring
758	62.15		0.910	On front face of #2 stiffner ring
759	62.85		0.922	Between #2 and #3 stiffner rings
760	63.28		0.929	Between #2 and #3 stiffner rings
761	64.31		0.946	In front of #3 stiffner ring
762	64.34		0.947	On front face of #3 stiffner ring
763	10.21		0.053	In vicinity of forward separation motors

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta. In.	θ deg	X/ l ref	Remarks
764	10.76	0	0.062	In vicinity of forward separation motors
765	-	-	-	
766	-	-	-	
767	-	-	-	
761	-	-	-	
769	-	20	-	
770	10.21		0.053	
771	10.47		0.057	
772	-		-	
773	10.76		0.062	
774	-	-	-	
775	-	-	-	
776	-	-	-	
777	-	-	-	
778	10.21	40	0.053	
779	10.76	40	0.062	
780	51.68	45	0.738	Ahead of aft attach ring
781	52.29	45	0.748	
782	52.55	50	0.752	
783	52.67	50	0.753	Aft of aft attach ring
784	53.05	50	0.760	Ahead of downstream aft attach ring
785	53.09	50	0.761	Aft of downstream aft attach ring
786	59.83	45	0.872	Ahead of #1 stiffner ring
787	60.58		0.885	Ahead of #1 stiffner ring
788	60.61		0.885	On front face of #1 stiffner ring
789	61.77		0.904	Ahead of #2 stiffner ring
790	62.12		0.910	Ahead of #2 stiffner ring
791	62.15		0.910	On front face of #2 stiffner ring
792	62.85		0.922	Between #2 and #2 stiffner rings
793	63.28		0.929	
794	63.70		0.936	
795	64.31		0.946	Ahead of #3 stiffner ring
796	64.34		0.947	On front face of #3 stiffner ring
797	15.51	76	0.140	Adjacent to forward attach
798	16.36	76	0.154	Adjacent to forward attach
799	7.14	90	0.0023	Nose cone
800	7.46		0.0076	
801	7.91		0.015	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta In	θ deg	X/ ref	Remarks
802	8.51	90	0.025	Nose Cone
803	9.41		0.040	
804	10.02		0.050	
805	10.62		0.060	
806	11.53		0.075	
807	13.04		0.100	
808	13.98		0.115	Ahead of forward attach
809	14.20		0.119	
810	14.40		0.122	
811	14.60		0.125	
812	14.80		0.129	
813	15.09		0.133	
814	15.46		0.140	
815	17.45		0.173	Aft of forward attach
816	17.87		0.179	
817	18.23		0.185	
818	18.65		0.192	
819	19.08		0.199	
820	25.12		0.299	On moldline between SRB and tank
821	37.19		0.498	
822	49.27		0.698	
823	51.68		0.738	
824	52.29		0.748	
825	52.55		0.752	Ahead of aft attach ring
826	52.69		0.754	Behind aft attach ring
827	53.03		0.760	Ahead of downstream aft attach ring
828	53.11		0.761	Behind downstream aft attach ring
829	55.31		0.798	On moldline between SRB and tank
830	59.83		0.872	On moldline between SRB and tank
831	60.58		0.885	Ahead of #1 stiffner ring
832	60.61		0.885	On front face of #1 stiffner ring
833	60.98		0.891	Between #1 and #2 stiffner ring
834	61.77		0.904	Between #1 and #2 stiffner ring
835	62.12		0.910	Ahead of #2 stiffner ring
836	62.15		0.910	On front face of #2 stiffner ring
837	62.37		0.914	Between #2 and #3 stiffner ring
838	62.85		0.922	
839	63.28		0.929	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
 c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta in	θ deg	X/ l ref	Remarks
840	63.70	90	0.936	Between #2 and #3 stiffner ring
841	64.31		0.946	Ahead of #3 stiffner ring
842	64.34		0.947	On front face of #3 stiffner ring
843	15.68	76.25	0.143	In vacinity of forward attach bracket and cable tray
844	15.78		0.145	
845	15.82		0.146	
846	15.88		0.147	
847	15.98		0.148	
848	16.08		0.150	
849	15.68	68.50	0.143	
850	15.78		0.145	
851	15.82		0.146	
852	15.88		0.147	
853	15.98		0.148	
854	16.08		0.150	
855	15.68	58	0.143	
856	15.78		0.145	
857	15.82		0.146	
858	15.88		0.147	
859	15.98		0.148	
860	16.08		0.150	
861	15.88	36.23	0.147	
862	16.56	58	0.158	Aft of forward cable tray
863	52.88	130	0.757	Between the aft attach rings
864	65.39	328	0.964	Next to skirt tie down post
865	66.17	328	0.977	
866	65.39	332	0.964	
867	66.17	332	0.977	
868	64.54	342	0.950	
869	65.39		0.964	
870	66.17		0.977	
871	67.02		0.991	
872	64.54	355	0.950	Adjacent to aft separation motor support
873	65.39		0.964	
874	66.17		0.977	
875	67.02		0.991	
876	66.50	0	0.982	

TABLE IV. INSTRUMENTATION LOCATIONS (Continued)
c. Solid Rocket Booster (Continued)

Orifice No.	SRB Sta In	θ deg	X/ l ref	Remarks
877	65.10	335.62	0.959	Adjacent to aft separation motor support
878	—	—	—	OMITTED
879	66.24	4.38	0.978	Under aft separation motor
880	65.87	4.38	0.972	Downstream of aft separation motors
882	67.08		0.992	
883	65.10	15.61	0.959	In front of aft separation motor support
884	66.24		0.978	Under aft separation motor
885	65.27		0.962	
886	65.87		0.972	
887	66.50		0.982	Downstream of aft separation motor
888	67.08		0.992	Downstream of aft separation motor
889	65.10	24.38	0.959	In front of aft separation motor support
890	66.24	24.38	0.978	Under aft separation motor
891	65.39	32	0.964	Adjacent to skirt tie down post
892	66.17	32	0.977	Adjacent to skirt tie down post
893	65.10	35.38	0.959	In front of aft separation motor
894	66.24	35.38	0.977	Under aft separation motor
895	65.27	40	0.962	Adjacent to aft separation motor
896	65.87		0.972	
897	66.50		0.982	
898	67.08		0.992	
899	64.56	50	0.950	On aft skirt
900	65.37		0.964	
901	66.18		0.977	
902	67.00		0.991	
903	64.56	90	0.950	
904	65.37		0.964	
905	66.18		0.977	
906	67.00		0.991	
907	—	4.38	—	Front of aft separation motor #1
908	—	4.38	—	Top of aft separation motor #1
909	—	15.61	—	Front of aft separation motor #2
910	—	15.61	—	Top of aft separation motor #2
911	—	24.38	—	Front of aft separation motor #3
912	—	24.38	—	Top of aft separation motor #3
913	—	36.00	—	Front of aft separation motor #4
914	—	36.00	—	Top of aft separation motor #4
915	52.80	—	—	Front of upper aft attach strut

TABLE IV. INSTRUMENTATION LOCATIONS (Concluded)
 c. Solid Rocket Booster (Concluded)

<u>Orifice No.</u>	<u>SRB Sta in</u>	<u>0</u> <u>deg</u>	<u>X/l</u> <u>ref</u>	<u>Remarks</u>
916	57.80	-	-	Front of aft attach brace
917	52.50	-	-	Front of lower aft attach strut

TABLE V. BAD CODED PRESSURE ORIFICES

<u>RUN</u>	<u>BAD CODES</u>
1	P33, P34, P373, P476, P483, P725, P862, Scanivalve Number 7: P418 through P455
2	Same as Run 1
3	Same as Run 1
4	P2, P33, P34, P373, P476, P483, P725, P826, P862
5	Same as Run 4
6	Same as Run 4
7	P2, P33, P34, P373, P476, P483, P710, P714, P715, P725, P821, P862, Scanivalve Number 13: P738 through P743, P843 through P862, P763 through P773
8	Same as Run 7
9	↓
10	
11	
12	
13	P2, P33, P34, P476, P483
14	Same as Run 13
15	↓
16	
17	
18	
19	

TABLE V. BAD CODED PRESSURE ORIFICES (Continued)

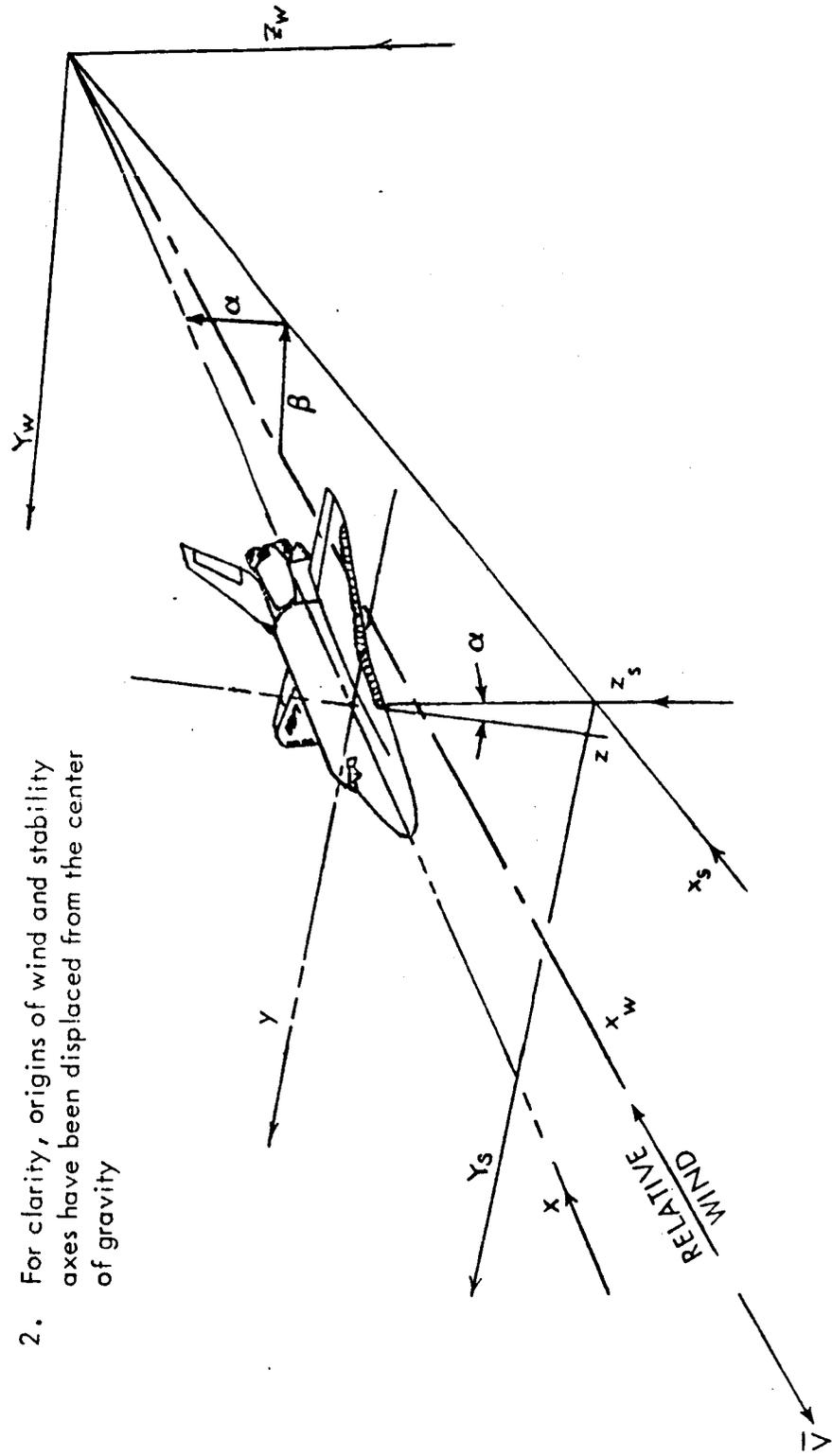
<u>RUN</u>	<u>BAD CODES</u>
20	P ₂ , P ₃₃ , P ₃₄ , P ₄₇₆ , P ₄₈₃
21	Same as Run 20
22	P ₂ , P ₃₃ , P ₃₄
23	Same as Run 22
24	↓
25	
26	
27	
28	
29	
30	↓
31	
32	Same as Run 31
33	↓
34	
35	
36	
37	
38	
39	

TABLE V. BAD CODED PRESSURE ORIFICES (Concluded)

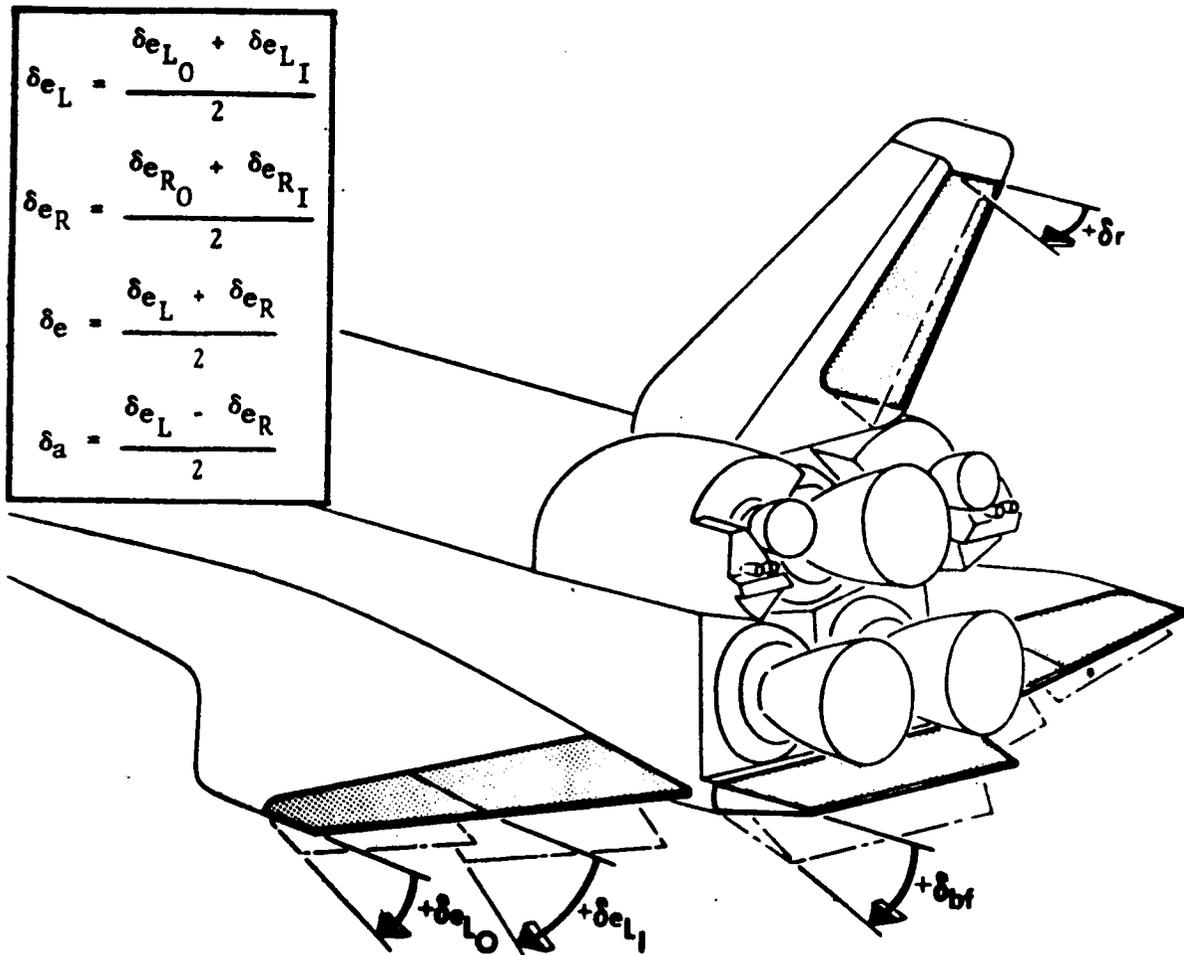
<u>RUN</u>	<u>BAD CODES</u>
40	P373, P476, P483, P586, P587
41	Same as Run 40
42	↓
43	
44	
45	
46	
47	
48	

Notes:

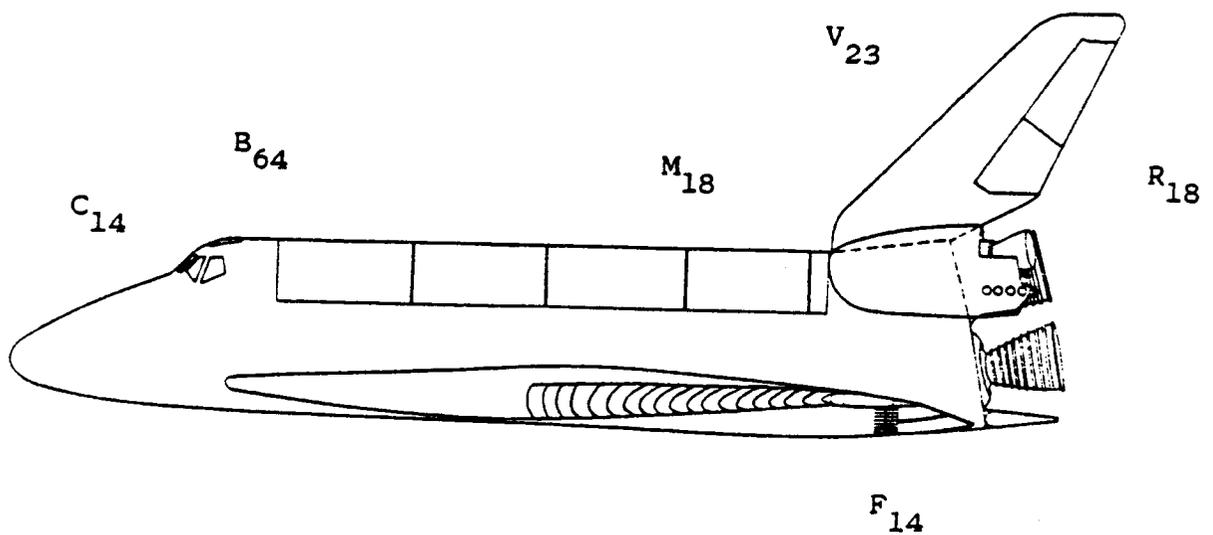
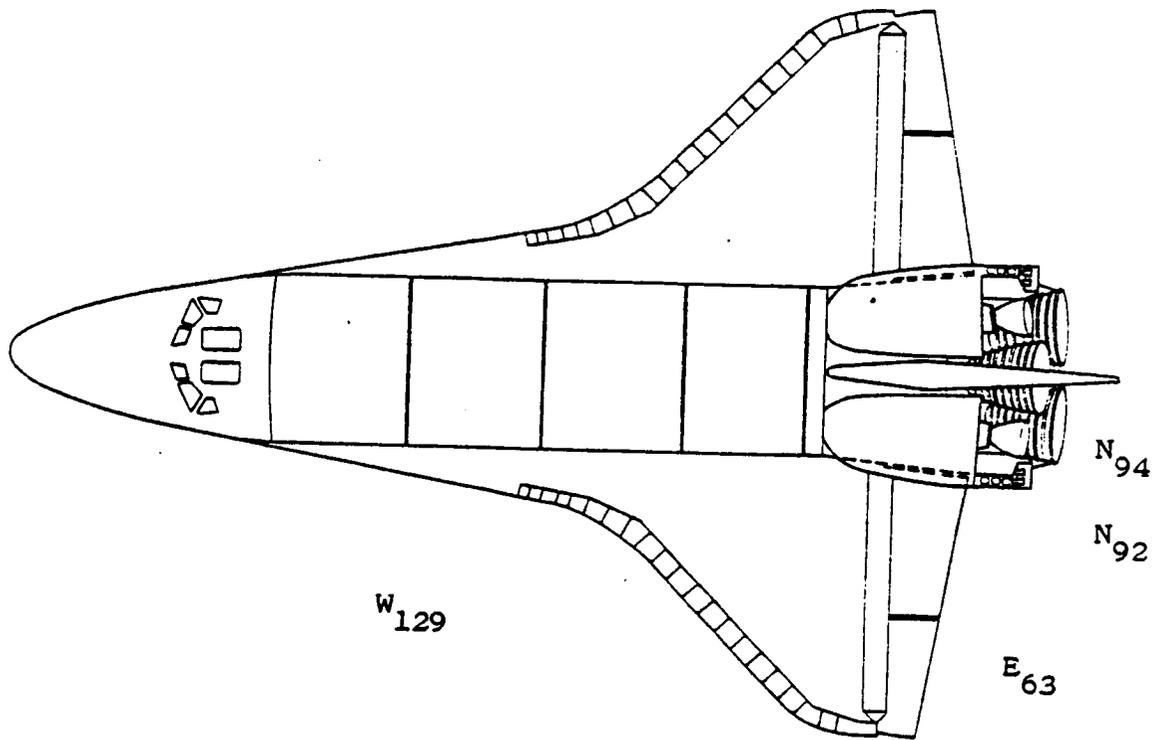
1. Positive directions of angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



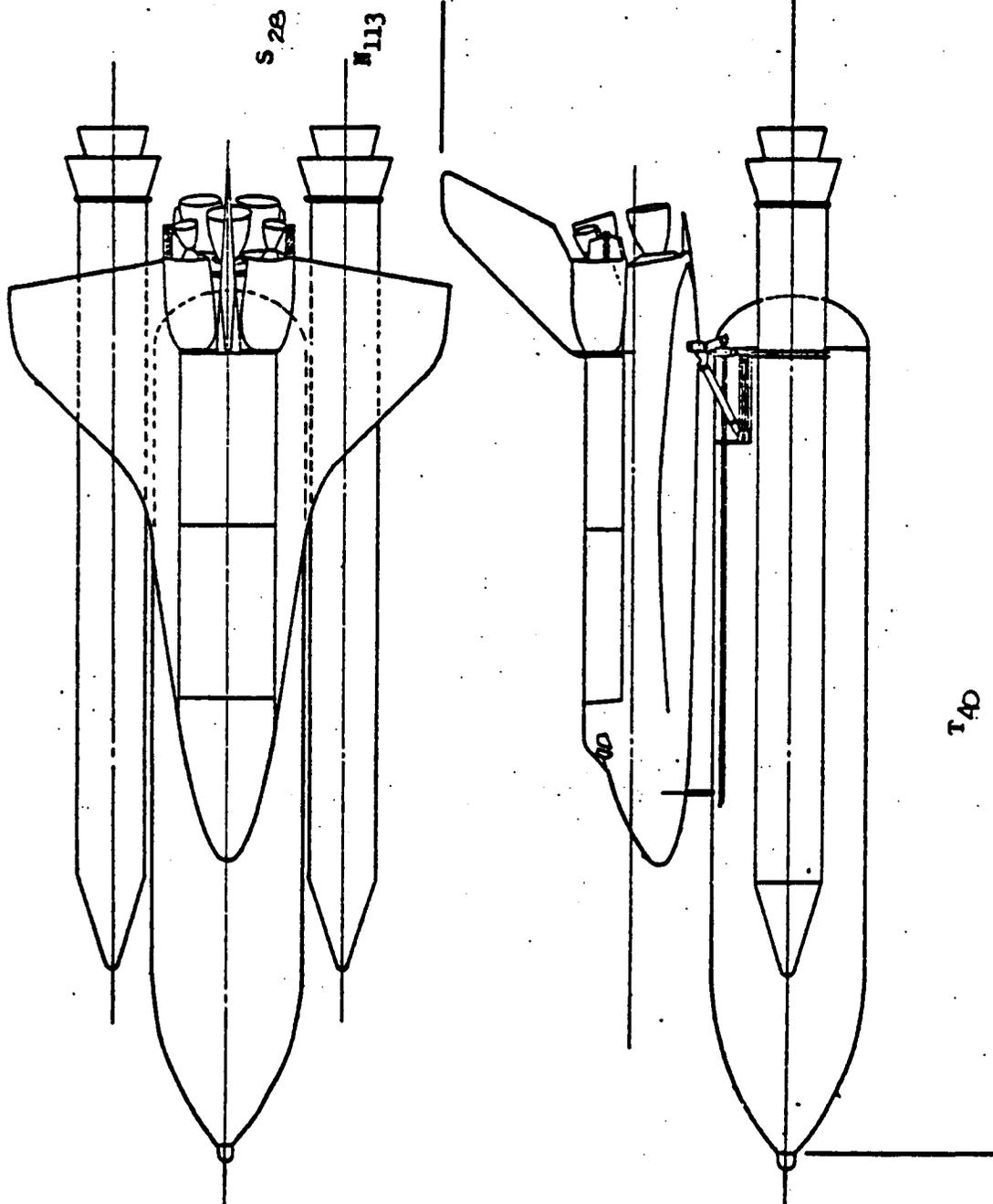
a. Axis Systems Definition
Figure 1. Axis systems.



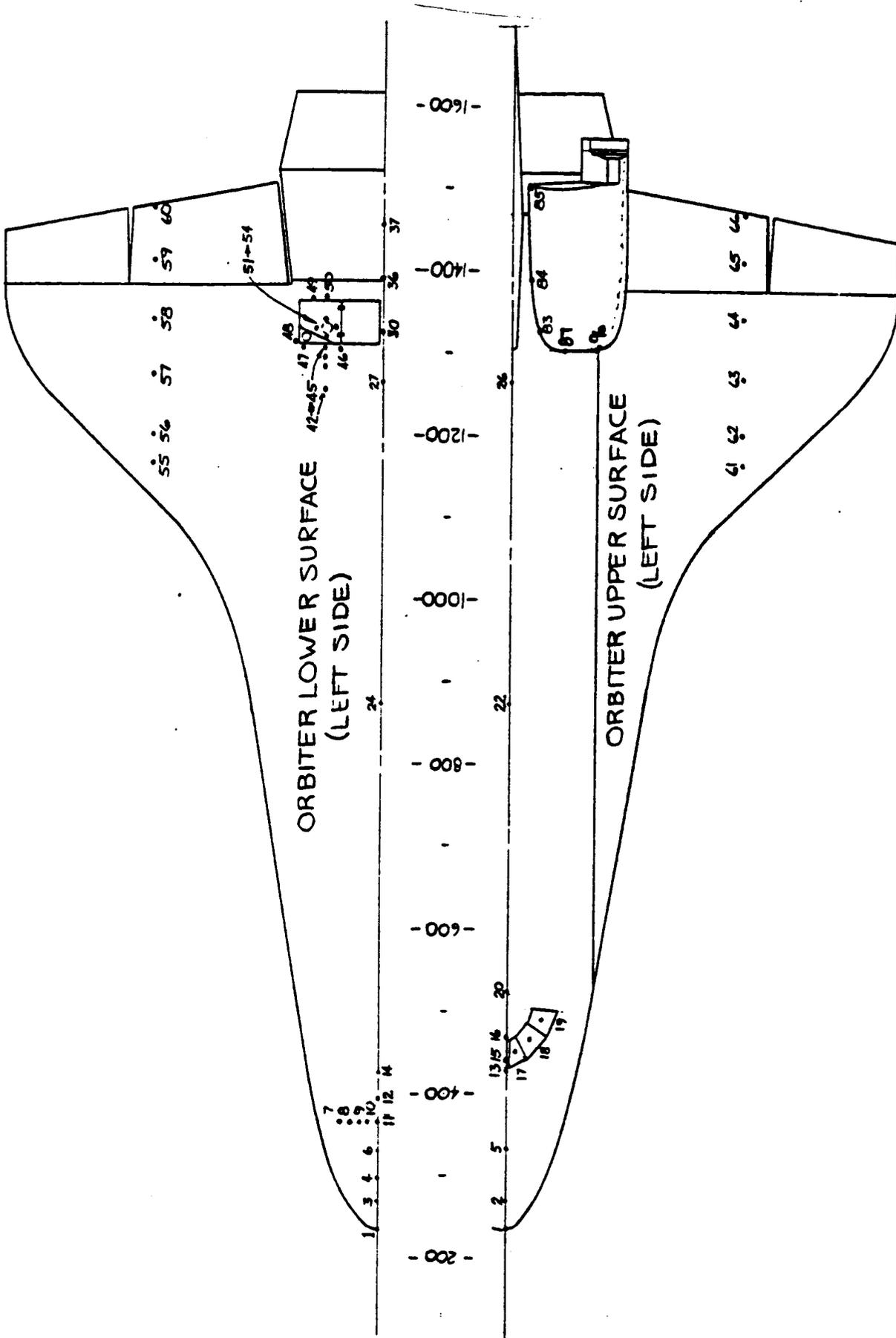
b. Control Surface Deflections
Figure 1. Concluded.



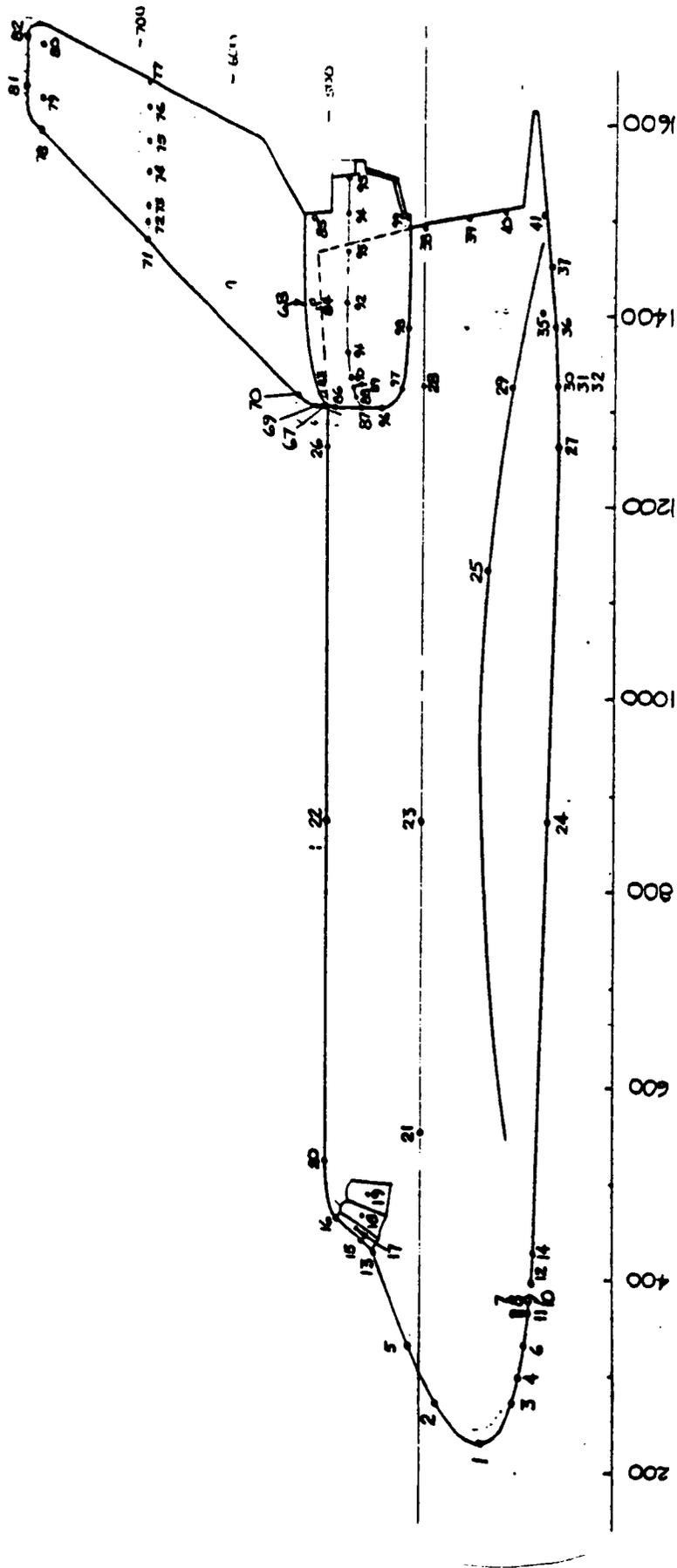
a. Orbiter Vehicle
Figure 2. Model sketches.



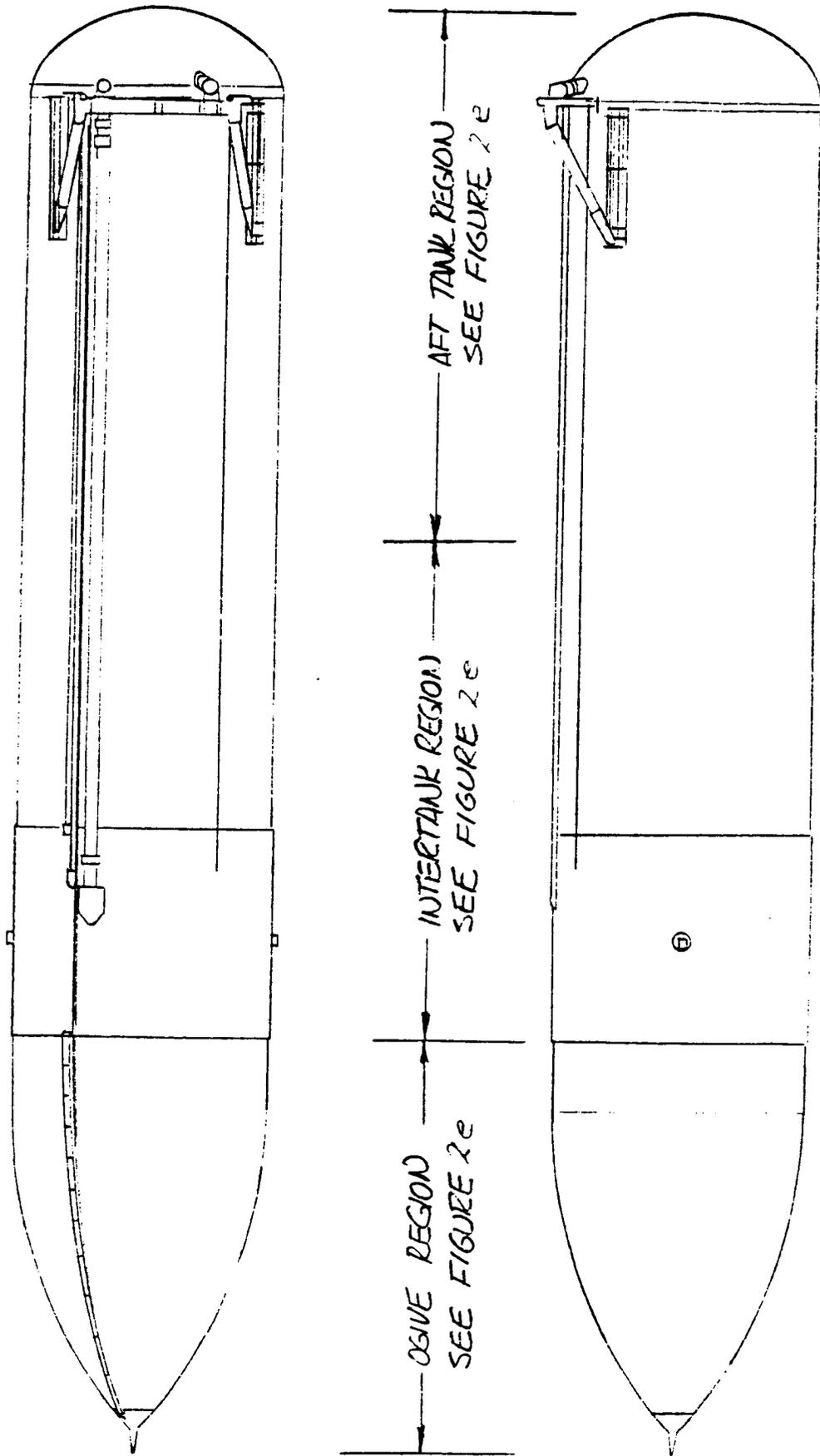
b. Integrated Vehicle
Figure 2. Continued.



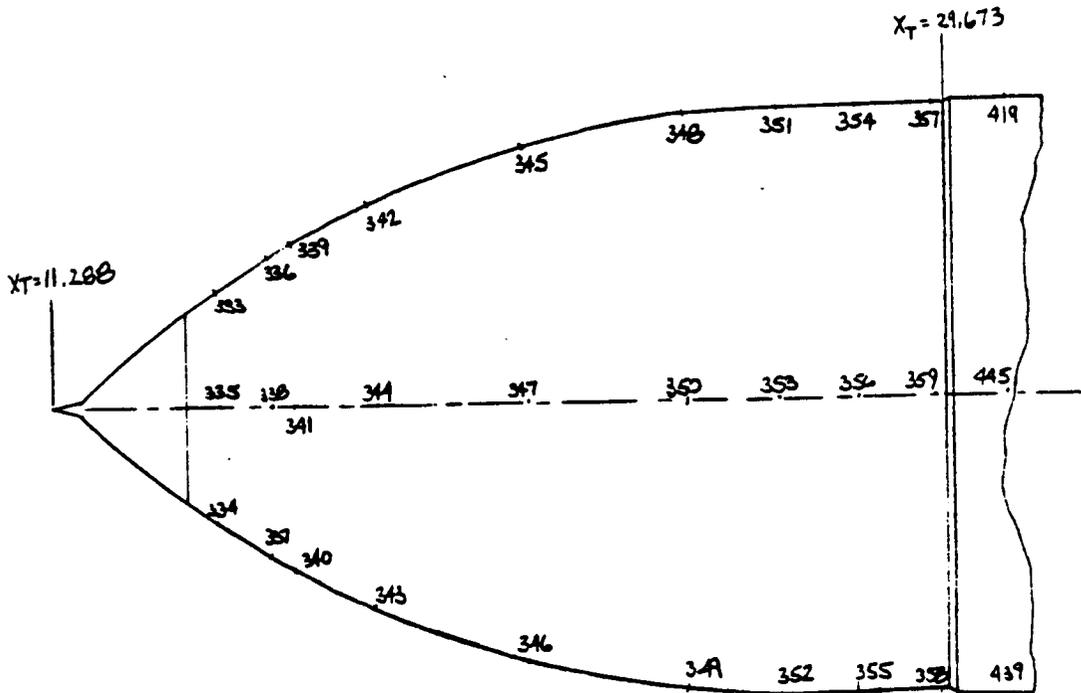
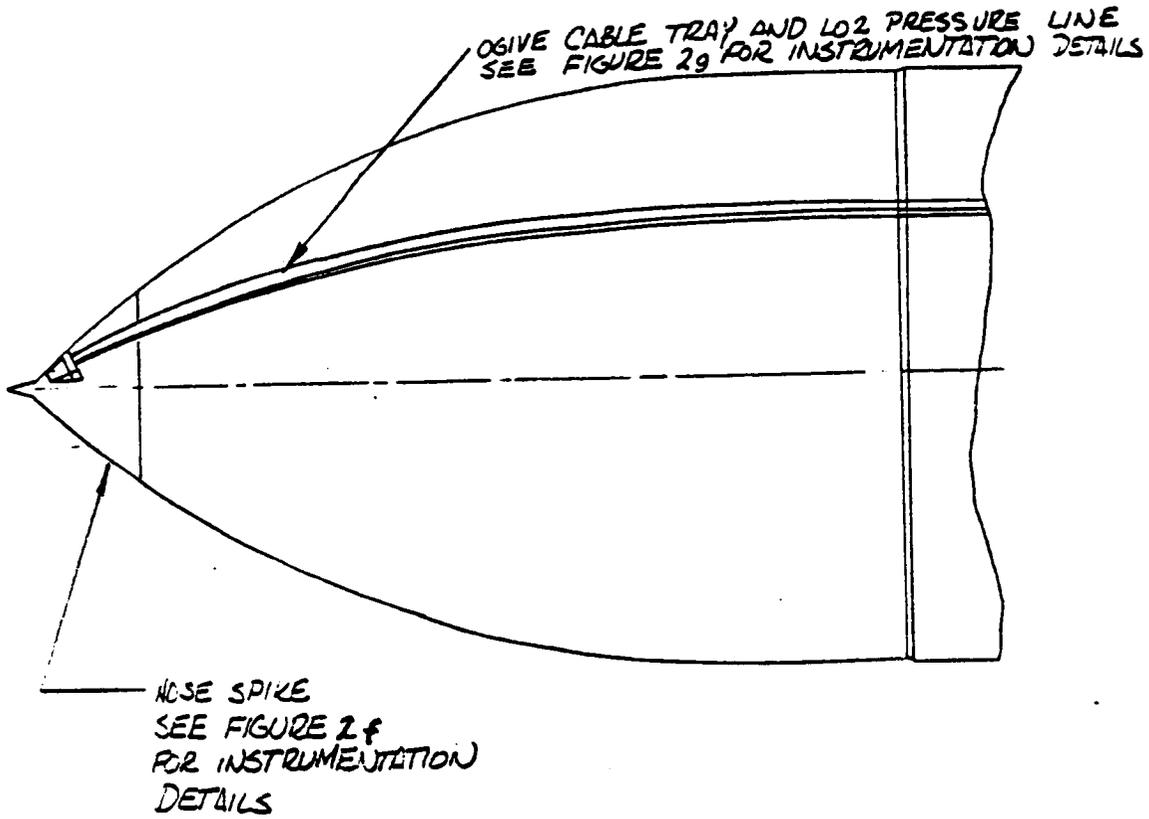
c. Orbiter Instrumentation
Figure 2. Continued.



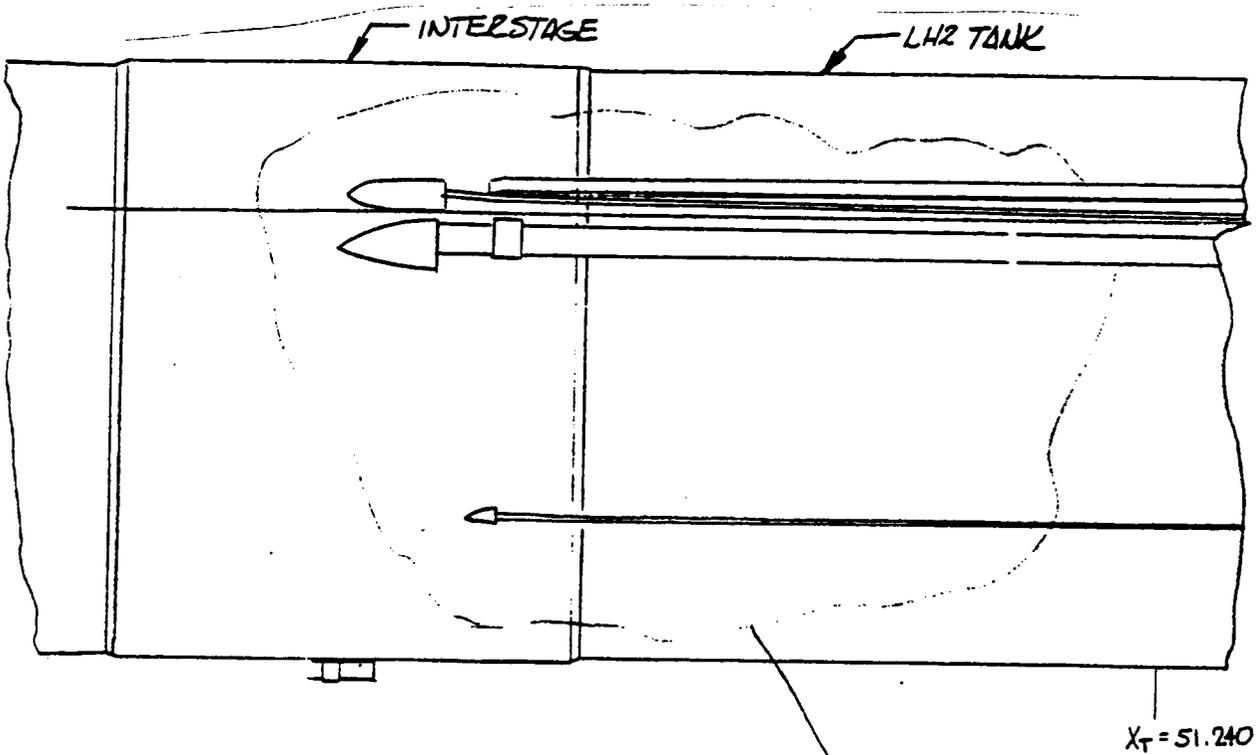
c. Orbiter Instrumentation (Concluded)
Figure 2. Continued.



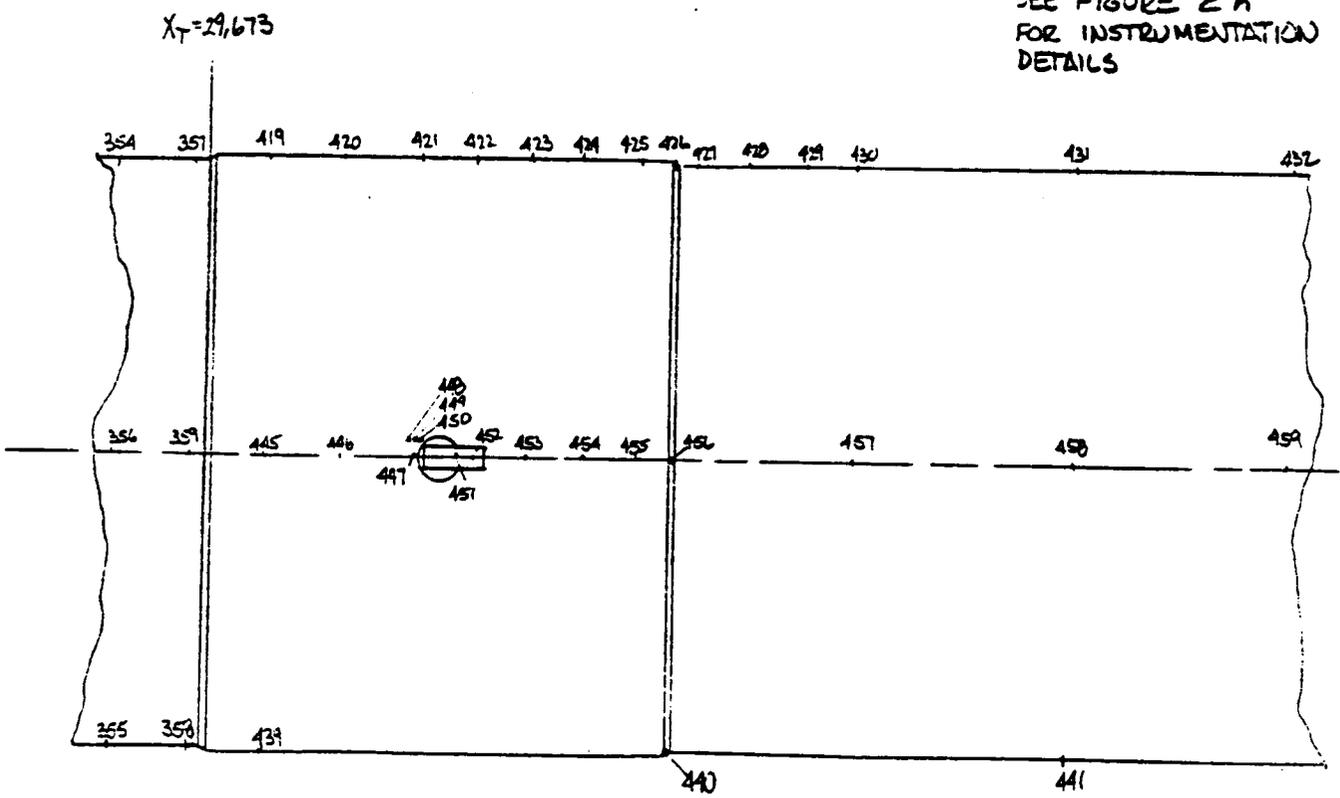
d. External Tank Layout (T₄₀)
Figure 2. Continued.



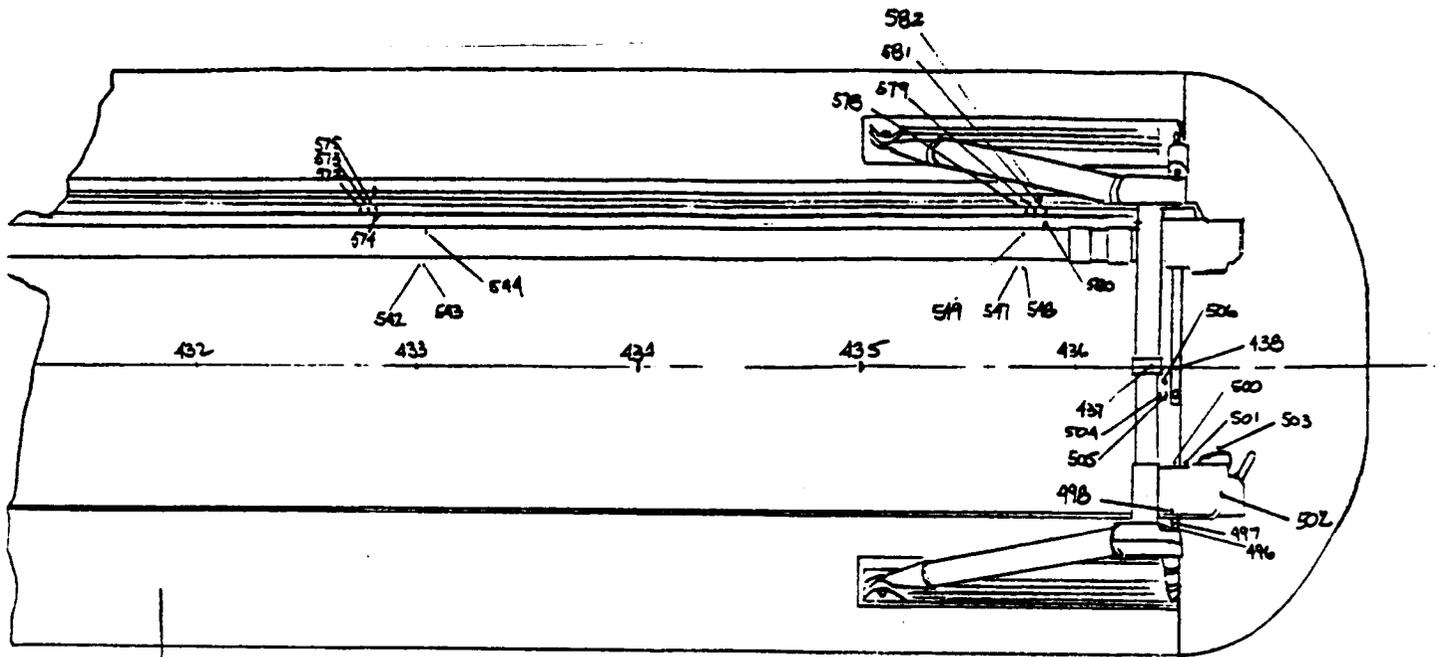
e. External Tank Instrumentation
Figure 2. Continued.



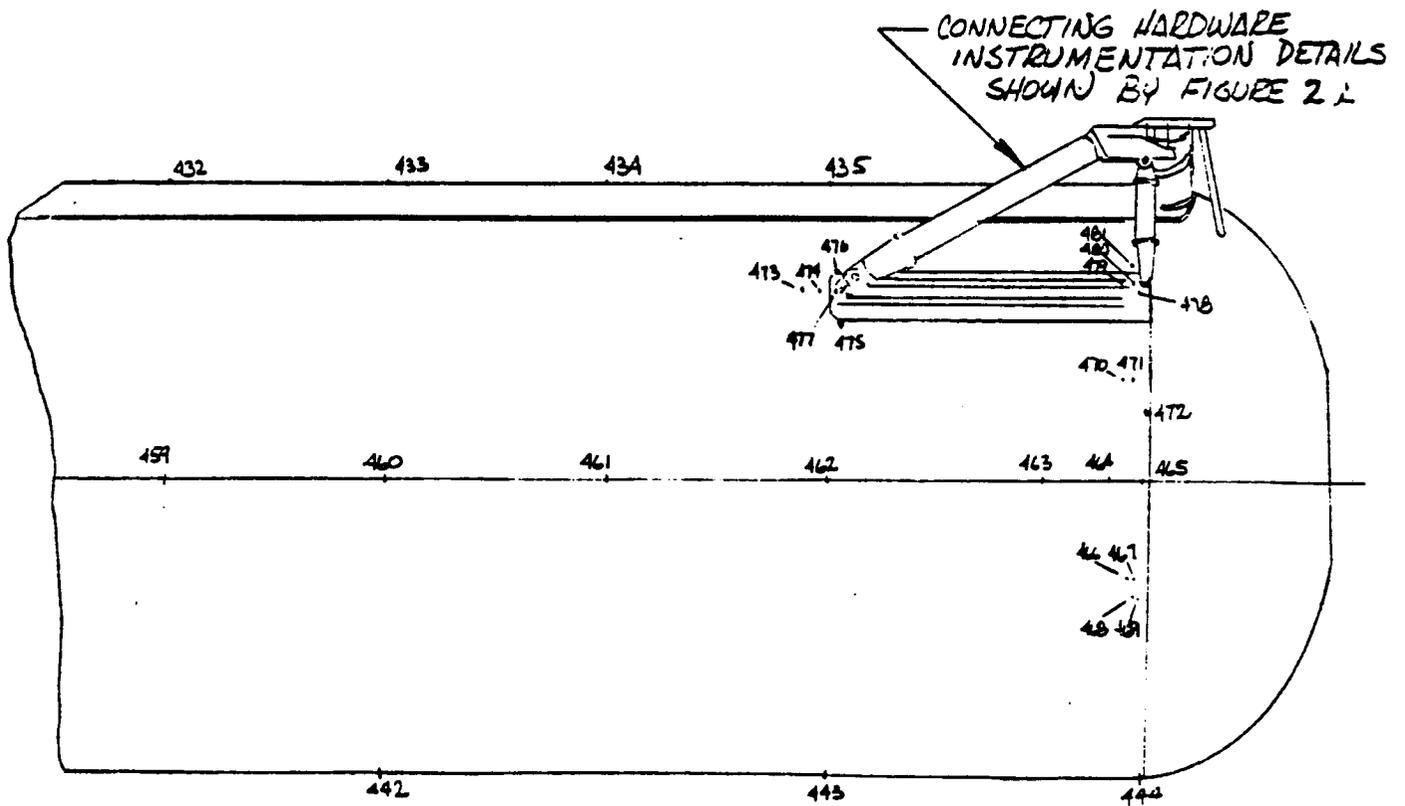
SEE FIGURE 2h
FOR INSTRUMENTATION
DETAILS



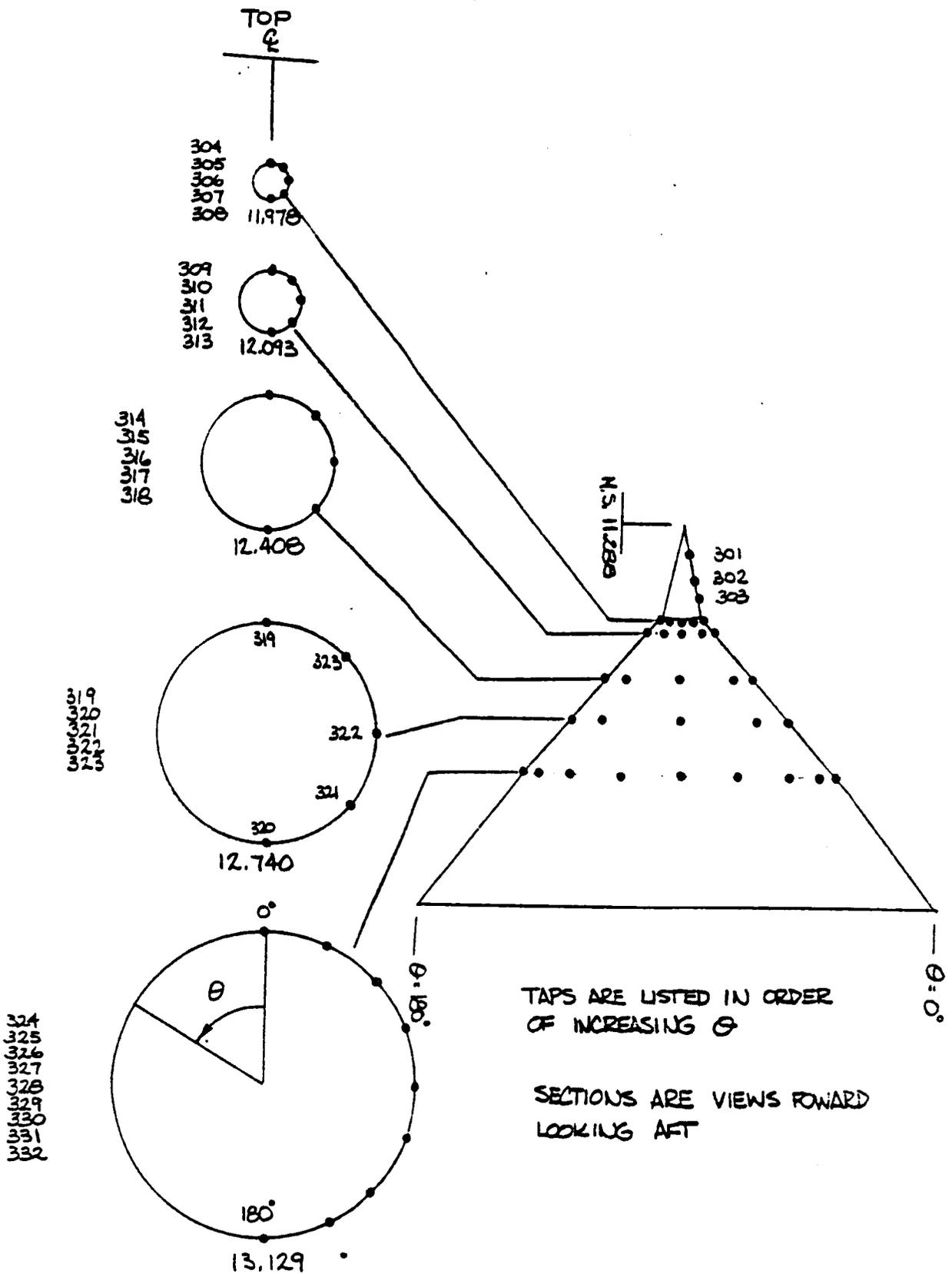
e. External Tank Instrumentation (Continued)
Figure 2. Continued.



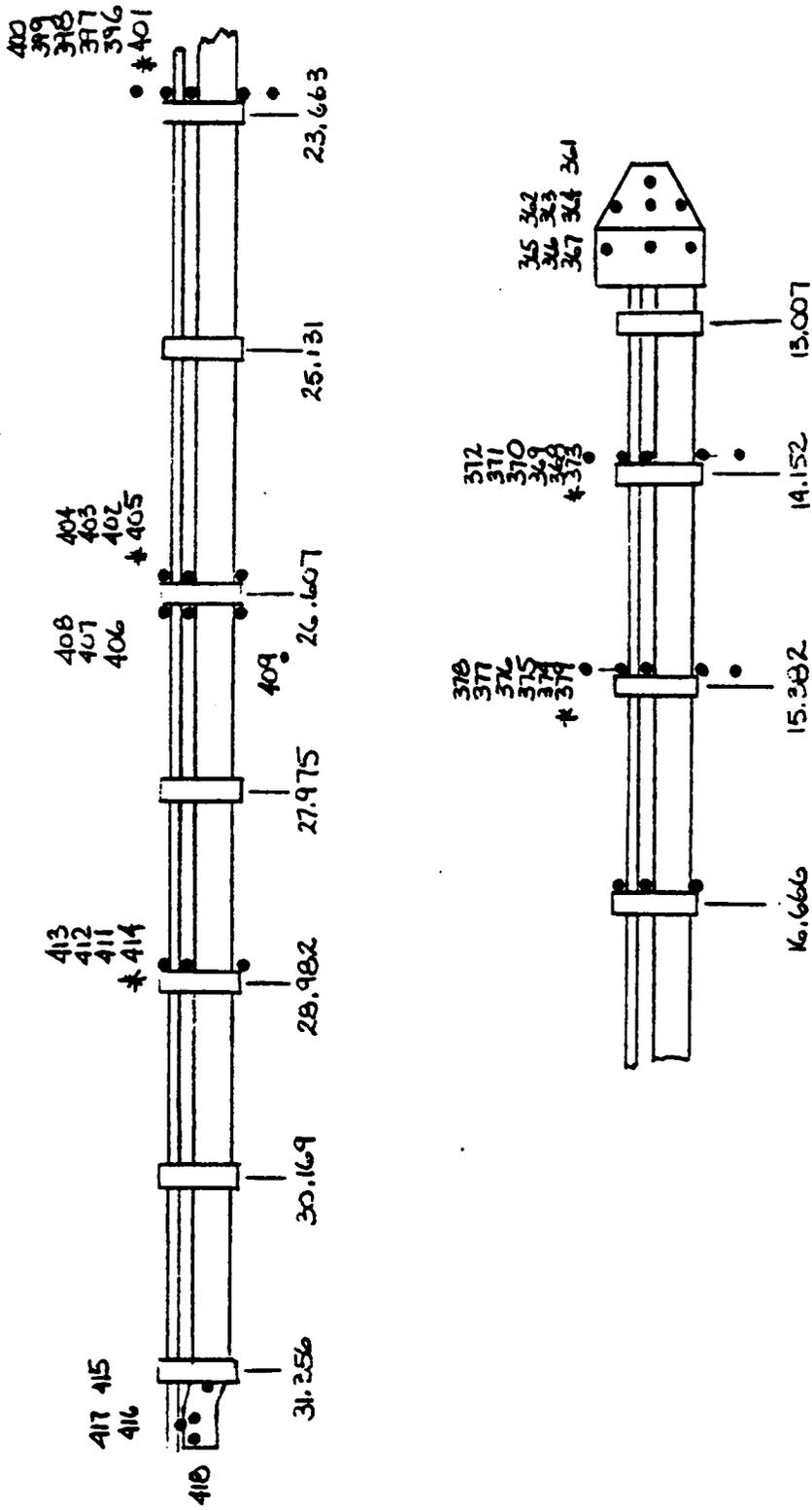
$X_T = 51.240$



e. External Tank Instrumentation (Concluded)
Figure 2. Continued.



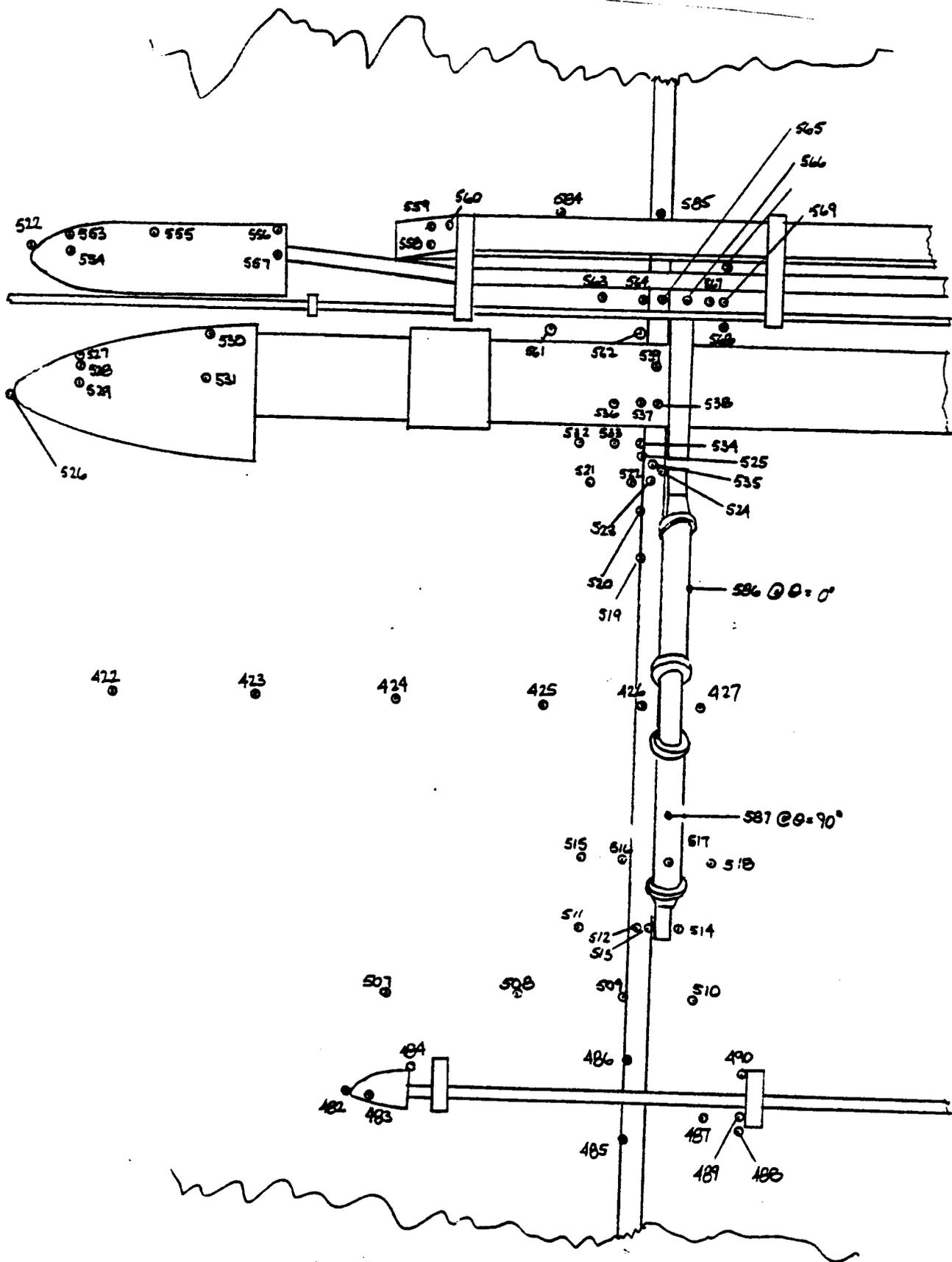
f. ET Nose Spike Instrumentation
Figure 2. Continued.



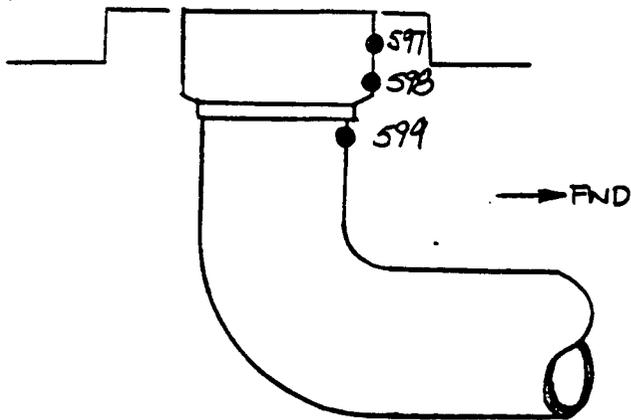
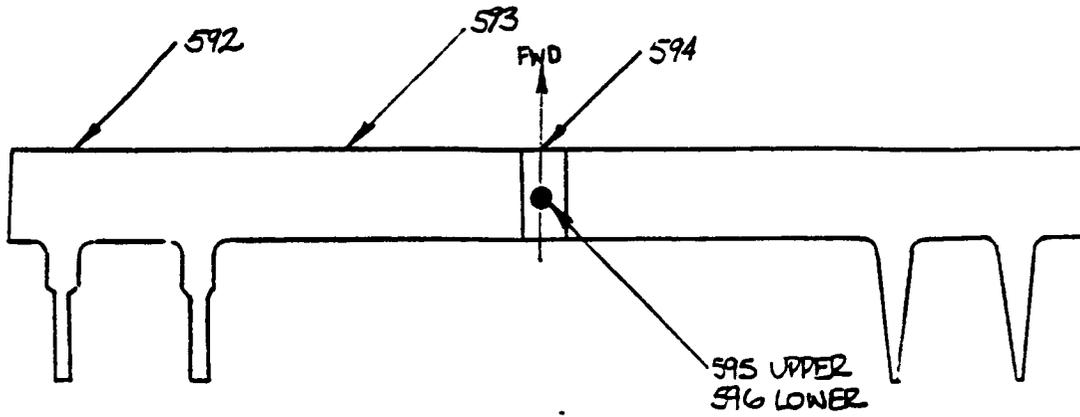
* DENTILES ORIFICE ON FORWARD FACE OF BRACKET

STA	16.56	17.89	19.26	20.67
	382	386	390	394
	381	385	389	393
	380	384	388	392
*	383	387	391	395

g. Ogive Cable Tray Instrumentation
Figure 2. Continued.

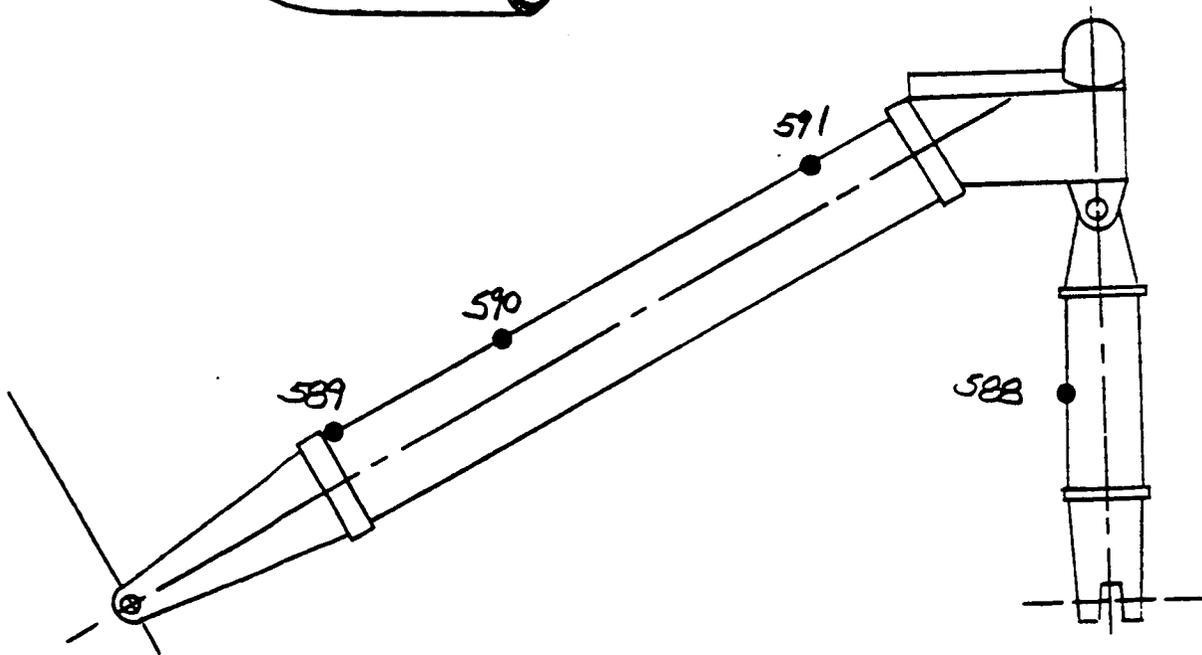


h. Intertank Instrumentation
Figure 2. Continued.

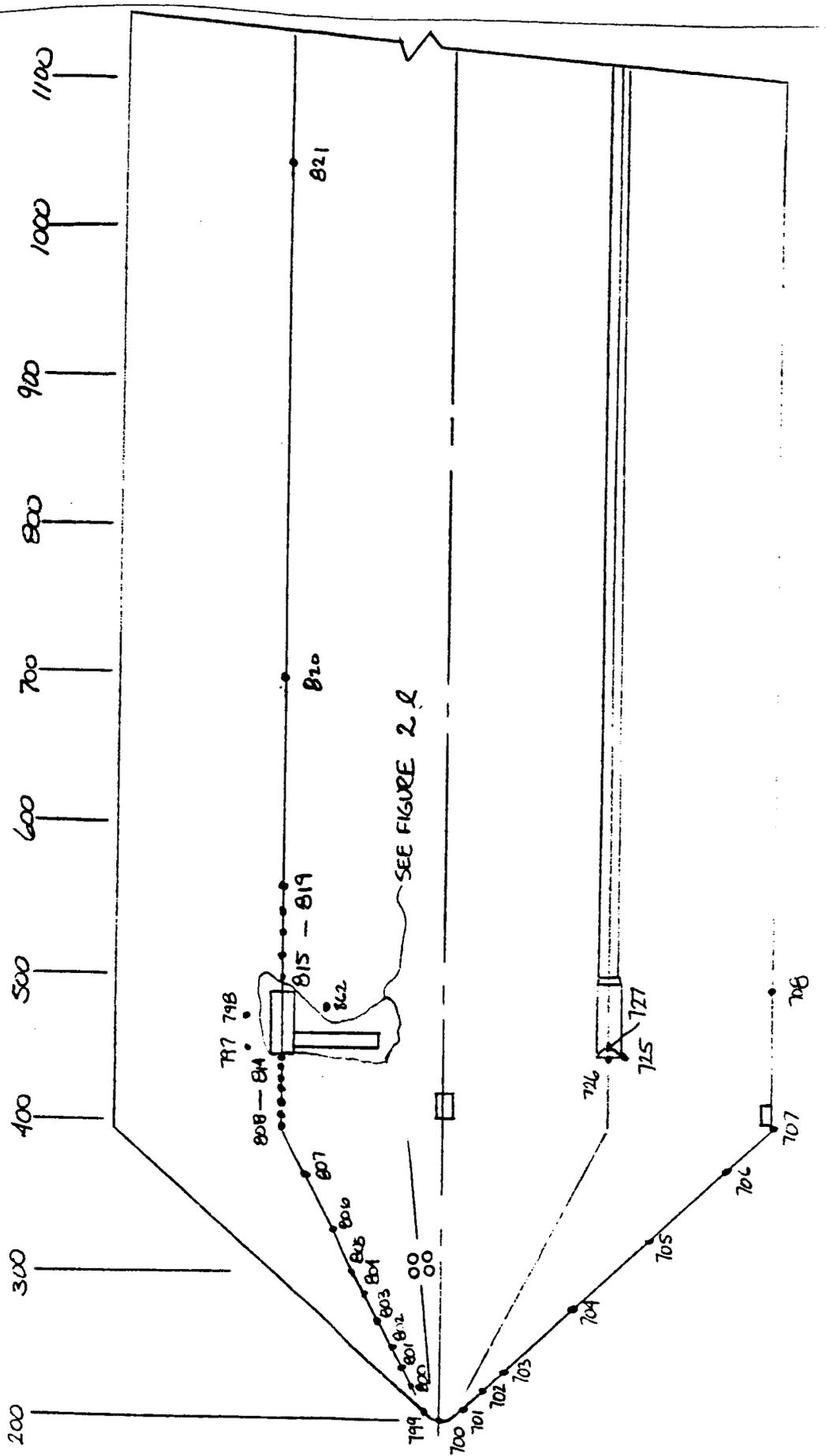


LO2 FEEDLINE SHOWN

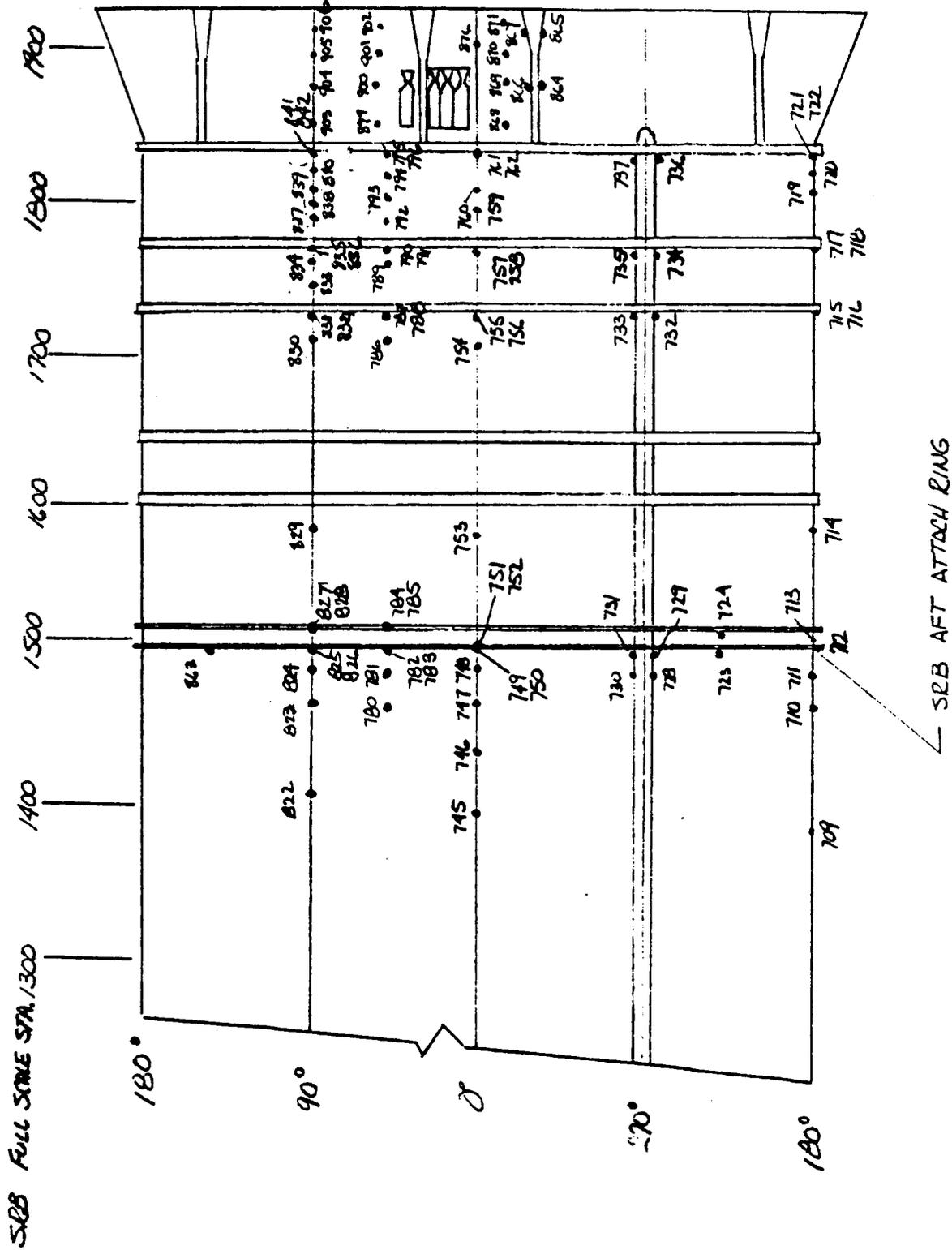
600, 601, 602 LOCATED SIMILARLY ON LH2 FEEDLINE



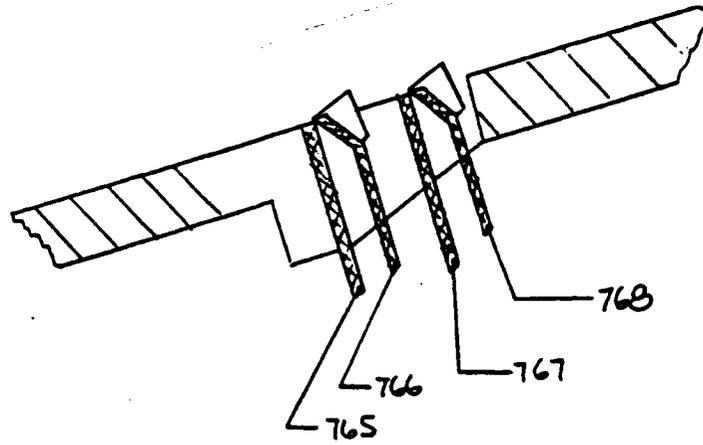
i. ET/Orbiter Connecting Hardware
Figure 2. Continued.



J. L. H. SRB Instrumentation
Figure 2. Continued.

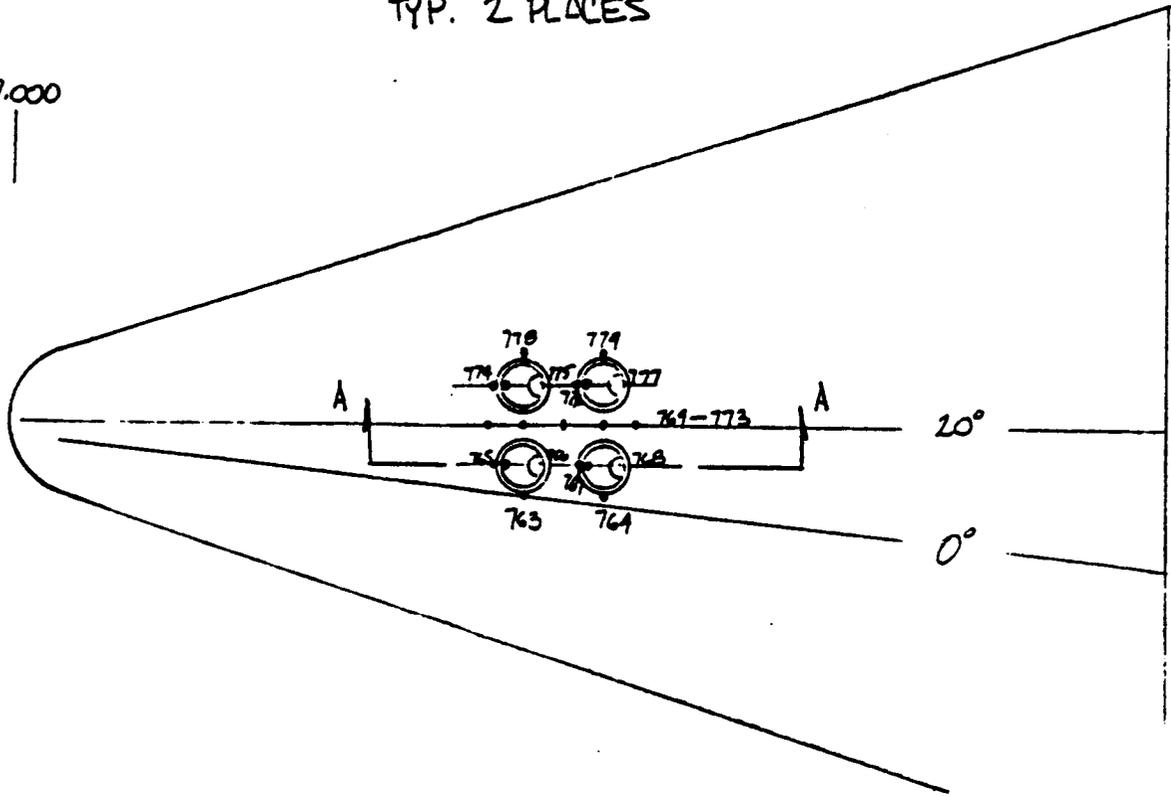


J. L. H. SRB Instrumentation (Continued)
 Figure 2. Continued.

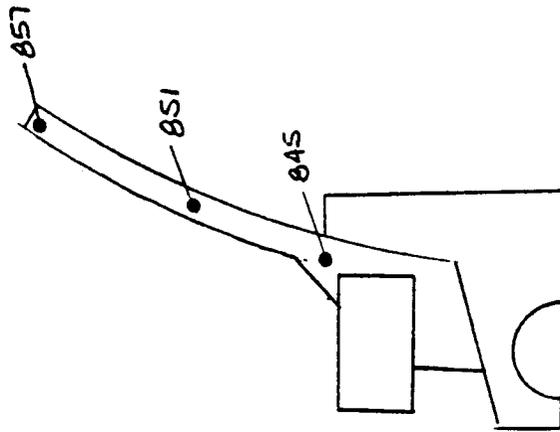
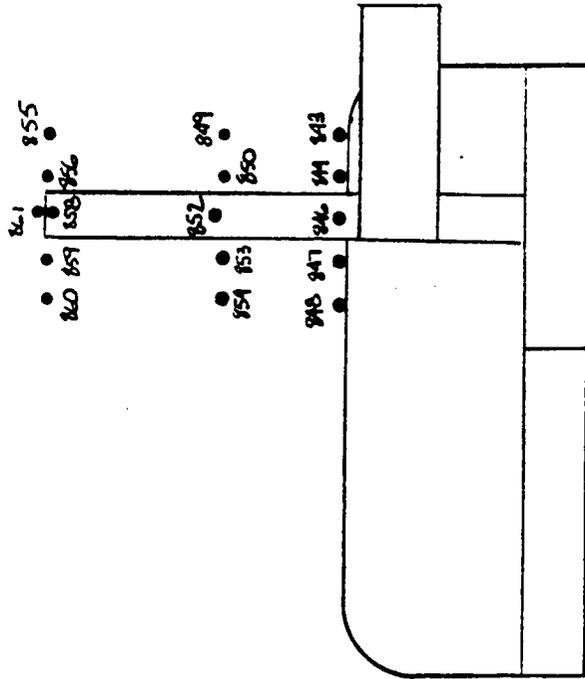


SECTION A - A
TYP. 2 PLACES

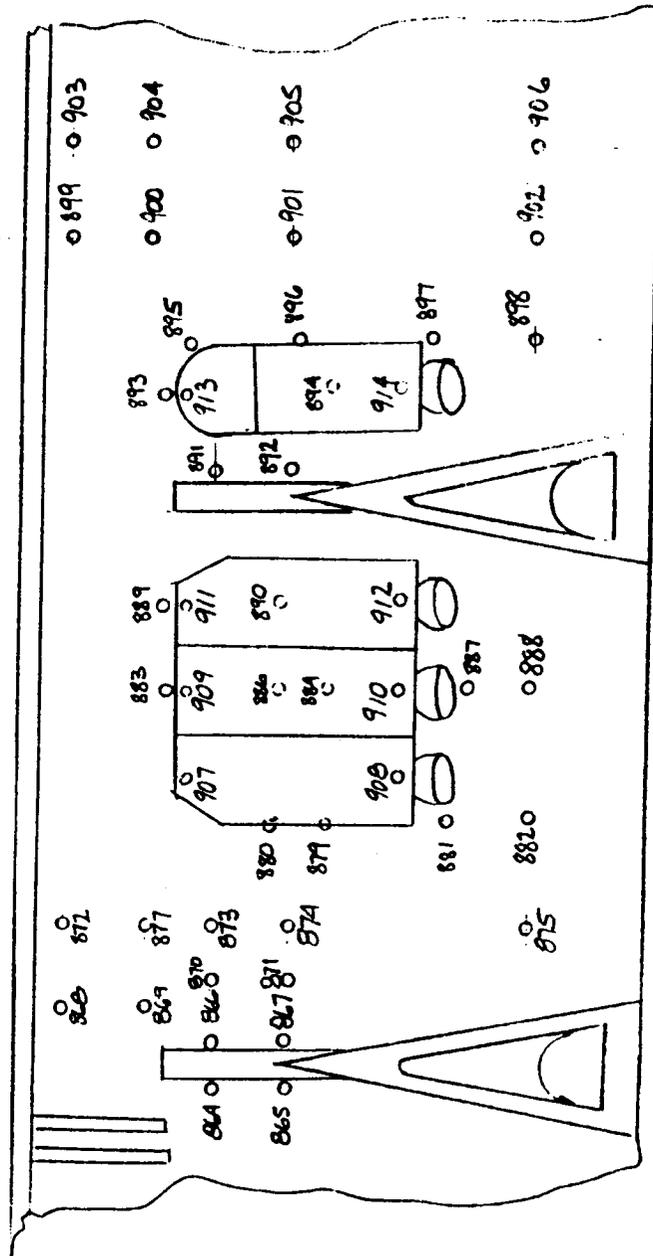
MS 7.000



k. L. H. SRB Forward Thruster Instrumentation
Figure 2. Continued.

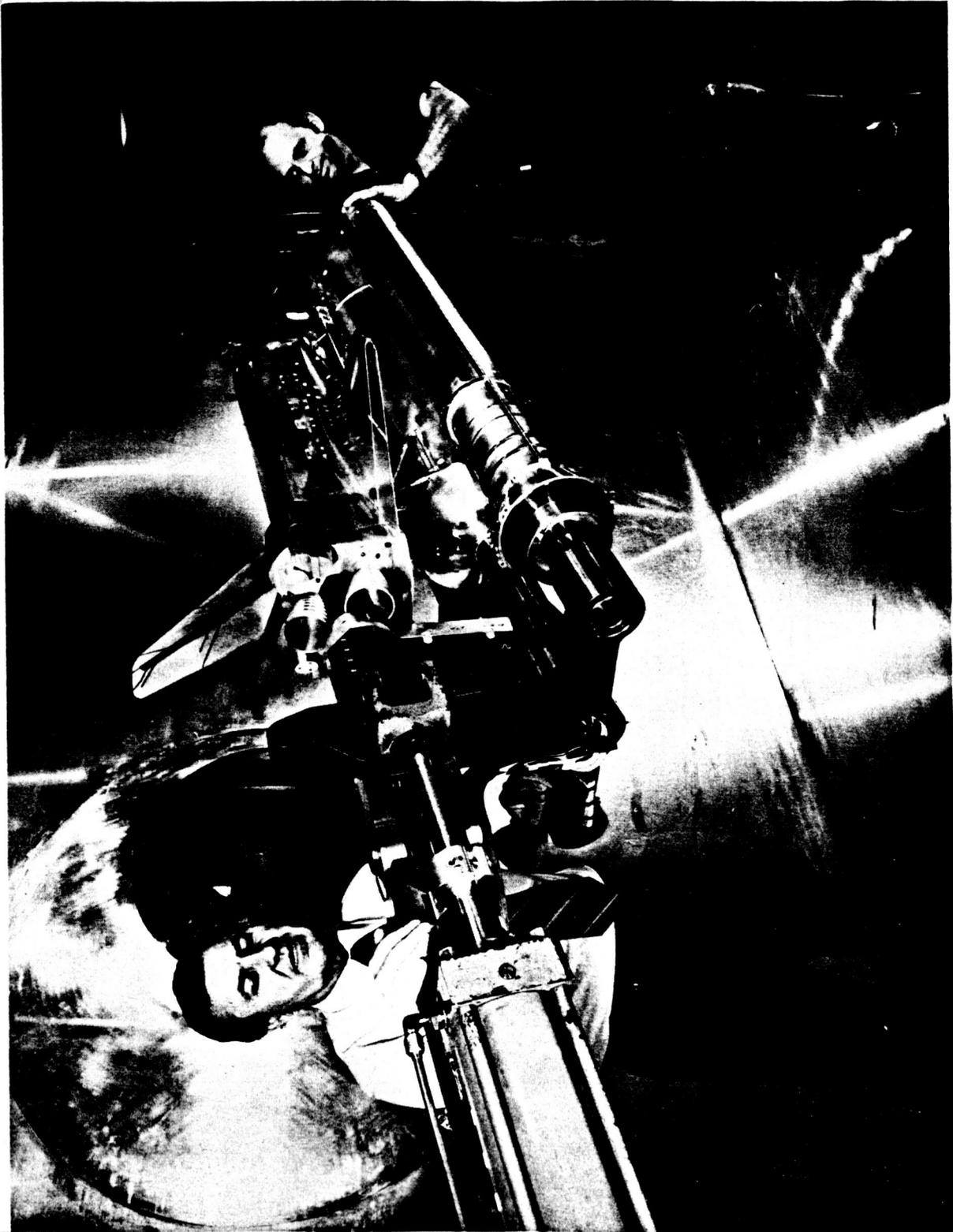


1. L. H. SHB Forward Cable Tray Instrumentation
Figure 2. Continued.



ORIFICES 907 - 914 ARE ON TOP SEPERATION MOTORS
 ALL OTHERS ARE AFT SKIRT SURFACE PRESSURES

m. L. H. SRB Aft Separation Motors
 Figure 2. Concluded.



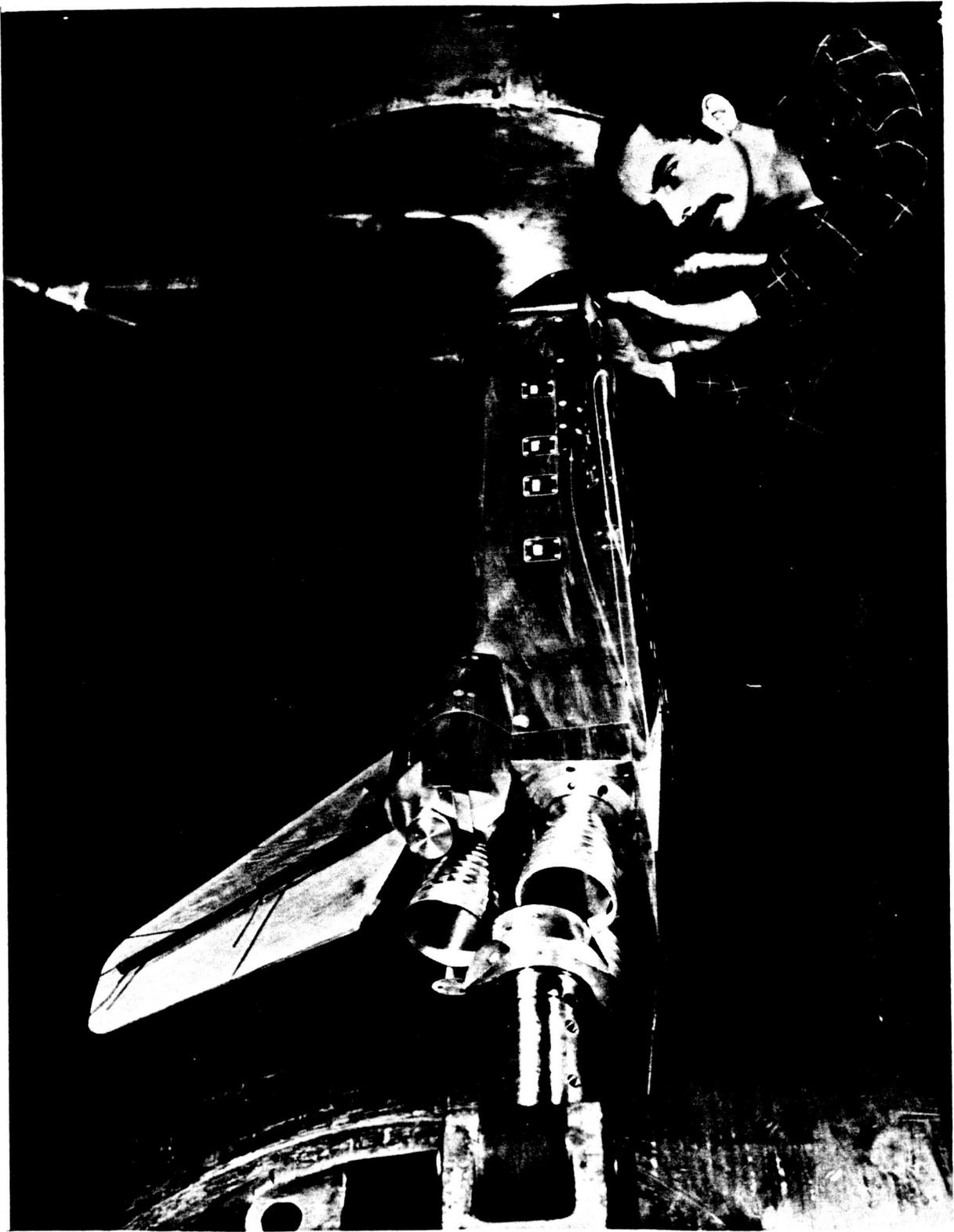
a. Integrated Vehicle Configuration (OTS)
Figure 3. Model photographs.

ORIGINAL PAGE IS
OF POOR QUALITY

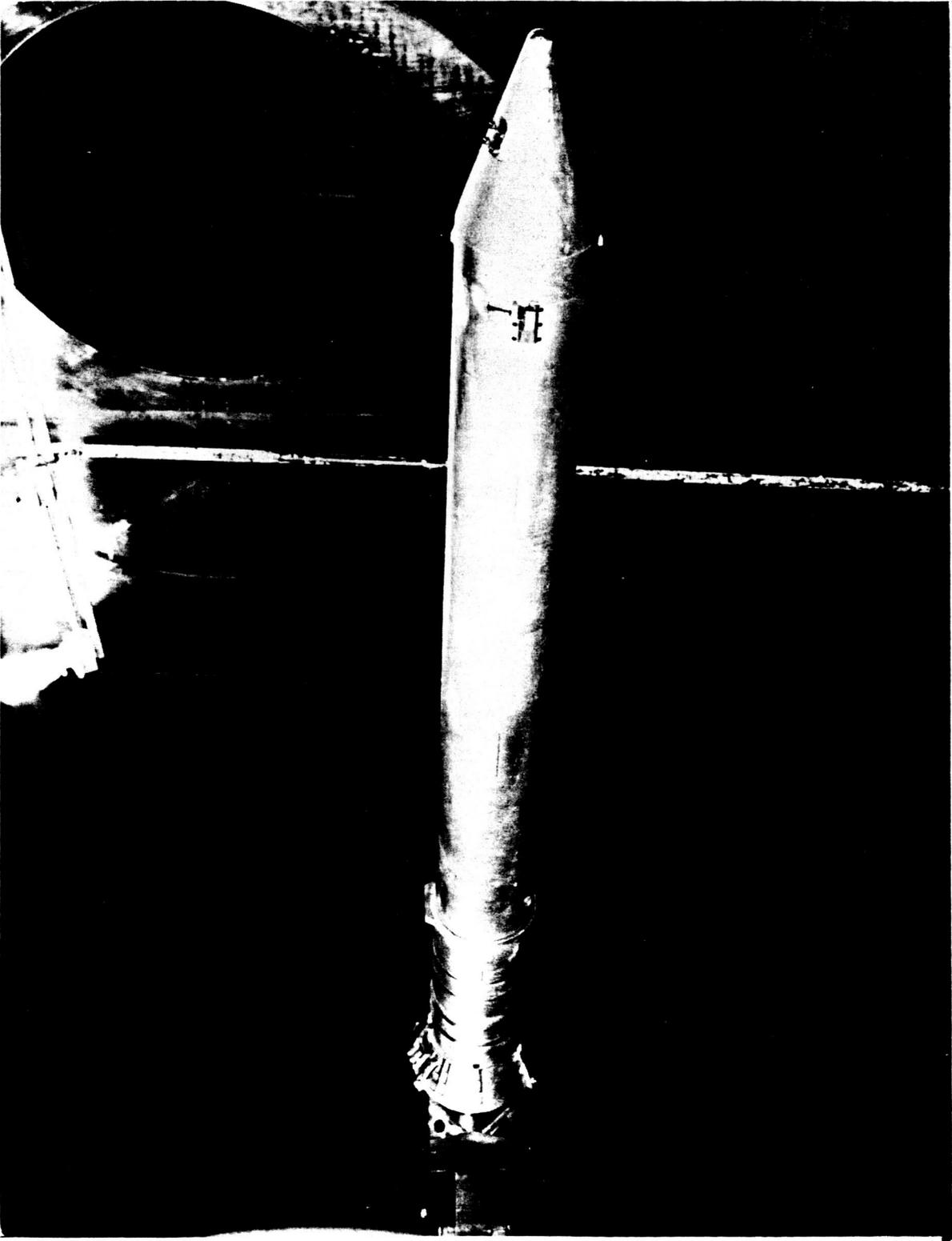
C-2



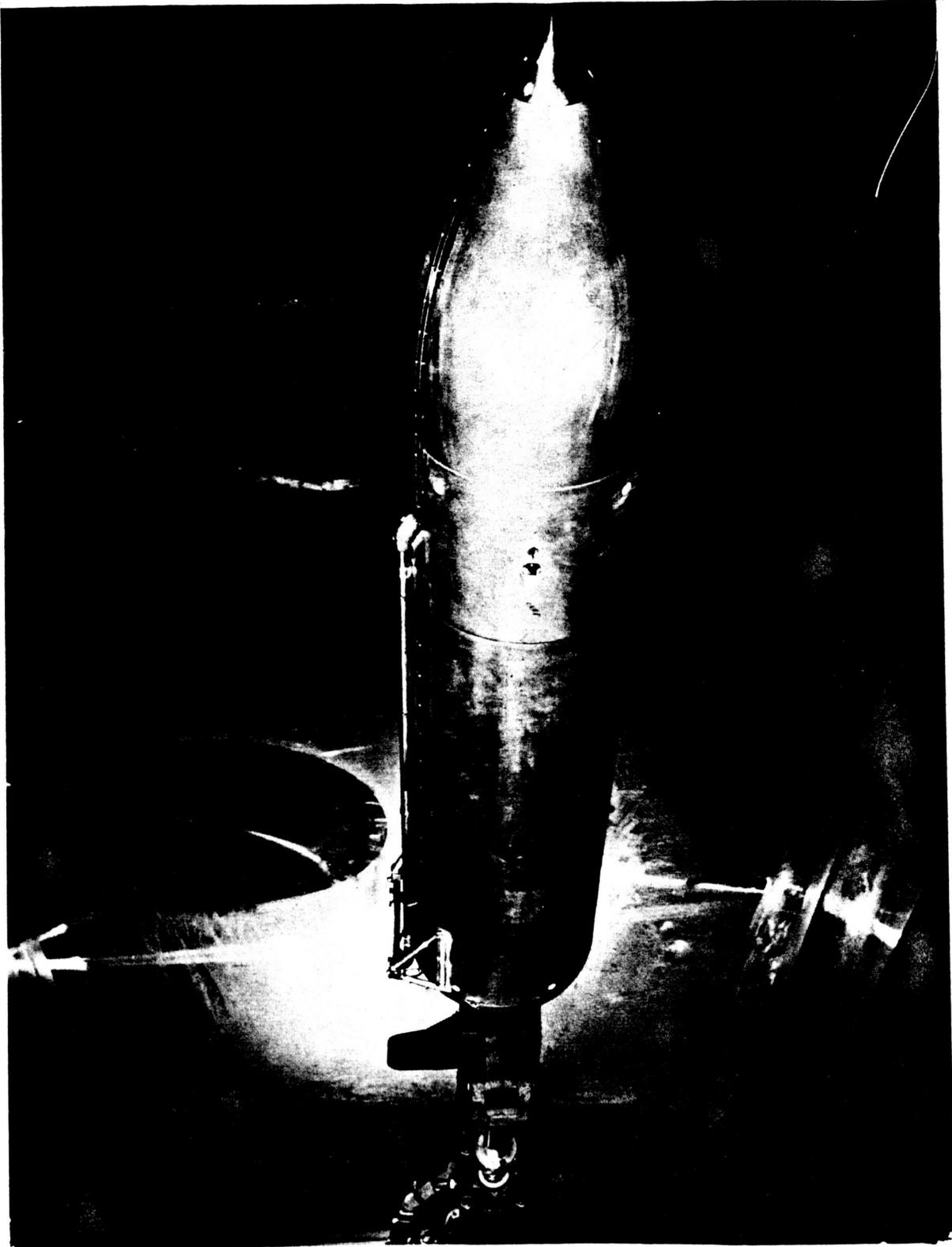
b. Orbiter-External Tank Configuration (OT)
Figure 3. Continued.



c. Orbiter Alone Configuration (O)
Figure 3. Continued.



d. Solid Rocket Booster Configuration (S)
Figure 3. Continued.



e. External Tank Configuration (T)
Figure 3. Concluded.

DATA FIGURES
(Available upon request)

APPENDIX

TABULATED SOURCE DATA

<u>VOLUME</u>	<u>DATASET 4TH CHARACTER</u>	<u>DESCRIPTION</u>	<u>PAGES</u>
I	B	Orbiter Fuselage	1-184
	L	Orbiter Lower Wing	185-276
	U	Orbiter Upper Wing	277-368
	V	Orbiter Vertical Tail	369-460
	Ø	Orbiter ØMS POD	461-552
	R	Orbiter Forward RCS	553-644
II	T	External Tank	645-1196
III	C	ET Cable Tray Fairing	1197-1288
	D	ET LO2 Bracket	1289-1380
	E	ET LH2 Bracket	1381-1472
	F	ET LO2 Feedline Fairing	1473-1564
	G	ET LO2 Feedline Bracket	1565-1656
	H	ET LO2 Antigeysers Fairing	1657-1748
	I	ET AFT Electrical Conduit Fairing	1749-1840
	J	ET LO2 Pressure Line Bracket	1841-1932
	A	ET Attach Hardware	1933-2024
	P	Total Pressure Rake	2025-2116
IV	S	Solid Rocket Booster, Left	2117-2451
	K	SRB Forward Separation Motor	2452-2518
	Q	SRB Protuberances	2519-2585
	M	SRB Aft Separation Motor	2586-2652
	N	SRB Attach Hardware	2653-2719

Tabulations of plotted data are available on request from Data Management Services.

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
3	1.0000	.00000	1.0000	961.2	8.372	.4942	1.693	-1.967	-.8605
3	1.0000	.25000-01	2.0000	429.6	3.742	.2209	.6295	-3.030	-.2078
3	1.0000	.75000-01	3.0000	317.1	2.762	.1630	.4045	-3.255	-.1243
3	1.0000	.15000	13.000	444.9	3.875	.2287	.6600	-3.000	-.2200
3	1.0000	.16000	15.000	648.5	5.649	.3335	1.067	-2.592	-.4117
3	1.0000	.18000	16.000	698.1	6.081	.3590	1.167	-2.493	-.4679
3	1.0000	.22000	20.000	87.59	.7629	.4500-01	-.5440-01	-3.714	.1470-01
3	1.0000	.50000	22.000	128.9	1.123	.6630-01	.2830-01	-3.631	-.7800-02
3	2.0000	.00000	26.000	204.8	1.784	.1053	.1800	-3.479	-.5170-01
3	2.0000	.00000	1.0000	961.2	8.372	.4942	1.693	-1.967	-.8605
3	2.0000	.25000-01	3.0000	284.2	2.476	.1461	.3388	-3.321	-.1020
3	2.0000	.50000-01	4.0000	194.7	1.696	.1001	.1599	-3.500	-.4570-01
3	2.0000	.75000-01	6.0000	350.7	3.054	.1803	.4717	-3.189	-.1480
3	2.0000	.10000+00	11.000	280.0	2.439	.1440	.3303	-3.329	-.9920-01
3	2.0000	.12500	12.000	241.3	2.102	.1241	.2530	-3.407	-.7430-01
3	2.0000	.15000	14.000	201.1	1.752	.1034	.1726	-3.487	-.4950-01
3	2.0000	.50000	24.000	104.6	.9115	.5380-01	-.2030-01	-3.680	.5500-02
3	2.0000	.80000	27.000	403.7	3.517	.2076	.5778	-3.082	-.1875
3	2.0000	.85000	30.000	225.7	1.966	.1161	.2218	-3.438	-.6450-01
3	2.0000	.90000	36.000	55.04	.4794	.2830-01	-.1195	-3.779	.3160-01
3	2.0000	.95000	37.000	35.07	.3054	.1800-01	-.1595	-3.819	.4180-01
3	3.0000	.10000+00	10.000	323.4	2.817	.1663	.4171	-3.242	-.1286
3	3.0000	.10000+00	9.0000	367.4	3.200	.1869	.5052	-3.154	-.1601
3	3.0000	.10000+00	8.0000	383.0	3.336	.1969	.5363	-3.123	-.1717
3	3.0000	.10000+00	7.0000	420.4	3.662	.2162	.6111	-3.048	-.2005
3	3.0000	.17000	17.000	760.9	6.628	.3913	1.292	-2.367	-.5458
3	7.0000	.18000	18.000	647.9	5.644	.3332	1.066	-2.593	-.4111

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
3	7.0000	.20000	19.000	255.5	2.225	.1314	.2813	-3.378	-.8330-01
3	8.0000	.83000	46.000	386.9	3.370	.1989	.5441	-3.116	-.1746
3	9.0000	.85000	52.000	140.9	1.228	.7250-01	.5230-01	-3.607	-.1450-01
3	10.000	.79000	42.000	435.3	3.792	.2239	.6410	-3.019	-.2124
3	10.000	.79500	43.000	470.0	4.093	.2416	.7102	-2.949	-.2408
3	10.000	.81000	44.000	526.6	4.587	.2708	.8235	-2.836	-.2904
3	10.000	.83000	45.000	201.3	1.753	.1035	.1730	-3.487	-.4960-01
3	10.000	.84000	51.000	147.1	1.281	.7560-01	.6450-01	-3.595	-.1790-01
3	10.000	.86000	53.000	150.7	1.312	.7750-01	.7170-01	-3.588	-.2000-01
3	10.000	.87500	50.000	30.71	.2675	.1580-01	-.1682	-3.828	-.4390-01
3	11.000	.85000	54.000	133.6	1.164	.6870-01	.3760-01	-3.622	-.1040-01
3	12.000	.87500	49.000	33.54	.2921	.1720-01	-.1625	-3.822	-.4250-01
3	13.000	.83000	47.000	399.1	3.389	.2001	.5486	-3.111	-.1763
3	14.000	.83500	48.000	278.3	2.424	.1431	.3270	-3.333	-.9810-01
3	15.000	.91000	35.000	106.5	.9280	.5480-01	-.1650-01	-3.676	-.4500-02
3	15.000	.99100	41.000	109.2	.9509	.5610-01	-.1130-01	-3.671	-.3100-02
3	16.000	.70000	25.000	111.4	.9704	.5730-01	-.6800-02	-3.666	-.1900-02
3	16.000	.85000	29.000	132.5	1.154	.6810-01	.3530-01	-3.624	-.9800-02
3	16.000	.99100	40.000	145.5	1.267	.7480-01	.6130-01	-3.598	-.1700-01
3	17.000	.99000	39.000	122.6	1.068	.6310-01	.1570-01	-3.644	-.4300-02
3	18.000	.25000	21.000	222.7	1.940	.1145	.2157	-3.444	-.6260-01
3	18.000	.50000	23.000	129.4	1.127	.6650-01	.2920-01	-3.630	-.8000-02
3	18.000	.85000	28.000	191.1	1.664	.9820-01	.1525	-3.507	-.4350-01
3	18.000	.98300	38.000	124.3	1.083	.6390-01	.1900-01	-3.641	-.5200-02
3	19.000	.85000	32.000	175.5	1.529	.9020-01	.1214	-3.538	-.3430-01
3	20.000	.85000	31.000	153.5	1.338	.7900-01	.7750-01	-3.582	-.2160-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

ORBITER FUSELAGE

IH11, MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
3	1.0000	.00000	1.0000	870.1	7.575	.4472	1.509	-2.150	-.7021
3	1.0000	.25000-01	2.0000	351.6	3.061	.1807	.4732	-3.186	-.1485
3	1.0000	.75000-01	5.0000	259.0	2.255	.1331	.2881	-3.371	-.8550-01
3	1.0000	.15000	13.000	335.1	2.917	.1722	.4402	-3.219	-.1367
3	1.0000	.16000	15.000	544.1	4.737	.2796	.8579	-2.802	-.3062
3	1.0000	.18000	16.000	594.0	5.172	.3053	.9577	-2.702	-.3545
3	1.0000	.22000	20.000	68.64	.5976	.3530-01	-.9240-01	-3.752	.2460-01
3	1.0000	.50000	22.000	100.4	.8741	.5160-01	-.2890-01	-3.688	.7800-02
3	1.0000	.80000	26.000	173.8	1.513	.8930-01	.1177	-3.542	-.3320-01
3	2.0000	.00000	1.0000	870.1	7.575	.4472	1.509	-2.150	-.7021
3	2.0000	.25000-01	3.0000	264.1	2.299	.1357	.2983	-3.361	-.8880-01
3	2.0000	.50000-01	4.0000	199.9	1.740	.1027	.1699	-3.490	-.4870-01
3	2.0000	.75000-01	6.0000	410.7	3.575	.2111	.5912	-3.068	-.1927
3	2.0000	.10000+00	11.000	230.1	2.003	.1182	.2303	-3.429	-.6710-01
3	2.0000	.12500	12.000	130.6	1.137	.6710-01	.3150-01	-3.628	-.8700-02
3	2.0000	.15000	14.000	162.0	1.410	.8320-01	.9420-01	-3.565	-.2640-01
3	2.0000	.50000	24.000	97.89	.8522	.5030-01	-.3390-01	-3.693	-.9200-02
3	2.0000	.80000	27.000	322.7	3.071	.1813	.4754	-3.184	-.1493
3	2.0000	.85000	30.000	232.8	2.027	.1197	.2358	-3.424	-.6890-01
3	2.0000	.90000	36.000	50.08	.4360	.2570-01	-.1295	-3.789	-.3420-01
3	2.0000	.95000	37.000	33.57	.2923	.1730-01	.1625	-3.822	-.4250-01
3	3.0000	.10000+00	10.000	267.2	2.326	.1373	.3044	-3.355	-.9070-01
3	4.0000	.10000+00	9.0000	327.6	2.852	.1684	.4253	-3.234	-.1315
3	5.0000	.10000+00	8.0000	356.7	3.106	.1833	.4834	-3.176	-.1522
3	6.0000	.10000+00	7.0000	405.7	3.532	.2085	.5813	-3.078	-.1889
3	7.0000	.17000	17.000	644.2	5.609	.3311	1.058	-2.601	-.4068
3	7.0000	.18000	18.000	552.3	4.809	.2839	.8744	-2.785	-.3140

TEST DATA

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
3	7.0000	.20000	19.000	221.2	1.926	.1137	.2125	-3.447	-.6160-01
3	8.0000	.83000	46.000	384.9	3.351	.1978	.5398	-3.120	-.1730
3	9.0000	.85000	52.000	140.9	1.227	.7240-01	.5210-01	-3.607	-.1450-01
3	10.000	.79000	42.000	423.1	3.683	.2174	.6161	-3.043	-.2024
3	10.000	.79500	43.000	446.5	3.887	.2295	.6628	-2.997	-.2212
3	10.000	.81000	44.000	515.9	4.491	.2651	.8016	-3.858	-.2805
3	10.000	.83000	45.000	192.0	1.671	.9870-01	.1541	-3.505	-.4400-01
3	10.000	.84000	51.000	147.1	1.280	.7560-01	.6440-01	-3.595	-.1790-01
3	10.000	.86000	53.000	151.2	1.317	.7770-01	.7270-01	-3.587	-.2030-01
3	10.000	.87500	50.000	32.88	.2863	.1690-01	.1639	-3.823	.4290-01
3	11.000	.85000	54.000	134.5	1.171	.6910-01	.3930-01	-3.620	-.1090-01
3	12.000	.87500	49.000	36.75	3.199	.1890-01	.1561	-3.816	.4090-01
3	13.000	.83000	47.000	346.4	3.016	.1780	.4628	-3.197	-.1448
3	14.000	.83500	48.000	280.2	2.440	.1440	.3305	-3.329	-.9930-01
3	15.000	.91000	35.000	114.2	.9939	.5870-01	.1400-02	-3.661	.4000-03
3	15.000	.99100	41.000	114.5	.9972	.5890-01	.6000-03	-3.660	.2000-03
3	16.000	.70000	25.000	88.85	.7735	.4570-01	.5200-01	-3.711	.1400-01
3	16.000	.85000	29.000	100.2	.8721	.5150-01	.2940-01	-3.689	.8000-02
3	16.000	.99100	40.000	121.1	1.054	.6220-01	.1240-01	-3.647	-.3400-02
3	17.000	.99000	39.000	99.36	.8650	.5110-01	.3100-01	-3.690	.8400-02
3	18.000	.25000	21.000	187.0	1.628	.9610-01	.1441	-3.515	-.4100-01
3	18.000	.50000	23.000	107.7	.9378	.5540-01	.1430-01	-3.674	.3900-02
3	18.000	.85000	28.000	161.6	1.407	.8300-01	.9340-01	-3.566	-.2620-01
3	18.000	.98300	38.000	105.5	.9186	.5420-01	.1870-01	-3.678	.5100-02
3	19.000	.85000	32.000	177.8	1.548	.9140-01	.1257	-3.534	-.3560-01
3	20.000	.85000	31.000	165.1	1.437	.8490-01	.1004	-3.559	-.2820-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL B4-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
3	1.0000	.00000	1.0000	773.4	6.734	.3975	1.316	-2.343	-.5618
3	1.0000	.25000-01	2.0000	282.9	2.463	.1454	.3359	-3.324	-.1011
3	1.0000	.75000-01	5.0000	210.3	1.831	.1081	.1909	-3.469	-.5500-01
3	1.0000	.15000	13.000	276.5	2.407	.1421	.3231	-3.336	-.9690-01
3	1.0000	.16000	15.000	442.7	3.855	.276	.6554	-3.004	-.2182
3	1.0000	.18000	16.000	495.8	4.317	.2548	.7615	-2.898	-.2627
3	1.0000	.22000	20.000	57.24	.4983	.2940-01	-.1152	-3.775	.3050-01
3	1.0000	.50000	22.000	82.62	.7194	.4250-01	-.6440-01	-3.724	.1730-01
3	1.0000	.80000	26.000	140.9	1.226	.7240-01	.5200-01	-3.608	-.1440-01
3	2.0000	.00000	1.0000	773.4	6.734	.3975	1.316	-2.343	-.5618
3	2.0000	.25000-01	3.0000	246.2	2.144	.1266	.2627	-3.397	-.7730-01
3	2.0000	.50000-01	4.0000	306.2	2.666	.1574	.3825	-3.277	-.1167
3	2.0000	.75000-01	6.0000	387.3	3.372	.1991	.5447	-3.115	-.1749
3	2.0000	.10000*00	11.000	192.8	1.679	.9910-01	.1558	-3.504	-.4450-01
3	2.0000	.12500	12.000	61.32	.5339	.3150-01	-.1070	-3.766	-.2840-01
3	2.0000	.15000	14.000	145.0	1.263	.7450-01	.6030-01	-3.599	-.1680-01
3	2.0000	.50000	24.000	87.89	.7652	.4520-01	-.5390-01	-3.713	-.1450-01
3	2.0000	.80000	27.000	438.2	3.816	.2253	.6465	-3.013	-.2145
3	2.0000	.85000	30.000	216.5	1.113	.1113	.2031	-3.456	-.5880-01
3	2.0000	.90000	36.000	47.49	.4135	.2440-01	-.1347	-3.794	.3550-01
3	3.0000	.95000	37.000	52.21	.4545	.2680-01	-.1252	-3.785	.3310-01
3	4.0000	.10000*00	10.000	234.5	2.041	.1205	.2391	-3.420	-.6990-01
3	4.0000	.10000*00	9.0000	305.4	2.659	.1570	.3810	-3.279	-.1162
3	5.0000	.10000*00	8.0000	343.5	2.991	.1766	.4571	-3.202	-.1428
3	6.0000	.10000*00	7.0000	418.5	3.643	.2151	.6069	-3.053	-.1988
3	7.0000	.17000	17.000	535.2	4.660	.2751	.8403	-2.819	-.2981
3	7.0000	.18000	18.000	476.0	4.144	.2446	.7219	-2.938	-.2457

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

(RGIB01)

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(S)	CP1/S1
3	7.0000	.20000	19.000	221.5	1.928	.1138	.2132	-3.446	-.6190-01
3	8.0000	.83000	46.000	368.0	3.204	.1891	.5059	-3.154	-.1604
3	9.0000	.85000	52.000	151.2	1.317	.7770-01	.7770-01	-3.587	-.2030-01
3	10.000	.79000	42.000	471.7	4.107	.2425	.7133	-2.946	-.2421
3	10.000	.79500	43.000	501.0	4.362	.2575	.7719	-2.888	-.2673
3	10.000	.81000	44.000	534.3	4.652	.2746	.8384	-2.821	-.2972
3	10.000	.83000	45.000	190.1	1.655	.9770-01	.1505	-3.509	-.4290-01
3	10.000	.84000	51.000	140.4	1.222	.7220-01	.5100-01	-3.609	-.1410-01
3	10.000	.86000	53.000	154.1	1.342	.7920-01	.7850-01	-3.581	-.2190-01
3	10.000	.87500	50.000	34.46	3.000	.1770-01	.1607	-3.820	-.4210-01
3	11.000	.85000	54.000	129.7	1.130	.6670-01	.2970-01	-3.630	-.8200-02
3	12.000	.87500	49.000	40.49	3.525	.2080-01	-.1486	-3.808	-.3900-01
3	13.000	.83000	47.000	300.5	2.616	.1544	.3711	-3.289	-.1128
3	14.000	.83500	48.000	279.8	2.436	.1438	.3296	-3.330	-.9900-01
3	15.000	.91000	35.000	105.5	.9185	.5420-01	-.1870-01	-3.678	-.5100-02
3	15.000	.99100	41.000	96.18	.8375	.4940-01	-.3730-01	-3.697	-.1010-01
3	16.000	.70000	25.000	85.08	7.495	.4420-01	-.5750-01	-3.717	-.1550-01
3	16.000	.85000	29.000	85.14	7.413	.4380-01	-.5940-01	-3.719	-.1600-01
3	16.000	.99100	40.000	101.5	.8834	.5210-01	-.2680-01	-3.686	-.7300-02
3	17.000	.99000	39.000	88.36	7.694	.4540-01	-.5300-01	-3.713	-.1430-01
3	18.000	.25000	21.000	150.6	1.311	.7740-01	.7150-01	-3.588	-.1990-01
3	18.000	.50000	23.000	93.78	.8165	.4820-01	-.4210-01	-3.702	-.1140-01
3	18.000	.85000	28.000	141.3	1.230	.7260-01	.5290-01	-3.607	-.1470-01
3	18.000	.98300	38.000	92.68	.8069	.4760-01	-.4430-01	-3.704	-.1200-01
3	19.000	.85000	32.000	174.6	1.520	.8970-01	.1194	-3.540	-.3370-01
3	20.000	.85000	31.000	153.0	1.332	.7870-01	.7630-01	-3.583	-.2130-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

ORBITER FUSELAGE

IH11. MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(I/SI)	CP(I/SI)
9	1.0000	.0000	1.0000	628.5	9.270	.2566	1.323	-4.294	-.3080	-.3080
9	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
9	1.0000	.75000-01	5.0000	150.4	2.218	.6140-01	.1948	-5.422	-.3590-01	-.3590-01
9	1.0000	.15000	13.000	160.9	2.374	.6570-01	.2197	-5.397	-.4070-01	-.4070-01
9	1.0000	.16000	333.3	4.916	4.916	.1361	.6263	-4.990	-.1255	-.1255
9	1.0000	.18000	16.000	403.5	5.952	.1648	.7919	-4.825	-.1641	-.1641
9	1.0000	.22000	20.000	38.62	.5696	.1580-01	-.6880-01	-5.686	.1210-01	.1210-01
9	1.0000	.50000	22.000	54.52	.8042	.2230-01	-.3130-01	-5.648	.5500-02	.5500-02
9	1.0000	.80000	26.000	79.47	1.172	.3250-01	.2750-01	-5.589	-.4900-02	-.4900-02
9	2.0000	.00000	1.0000	628.5	9.270	.2566	1.323	-4.294	-.3080	-.3080
9	2.0000	.25000-01	3.0000	168.5	2.485	.6880-01	.2375	-5.379	-.4420-01	-.4420-01
9	2.0000	.50000-01	4.0000	154.6	2.280	.6310-01	.2047	-5.412	-.3780-01	-.3780-01
9	2.0000	.75000-01	6.0000	235.1	3.468	.9600-01	.3946	-5.222	-.7560-01	-.7560-01
9	2.0000	.10000+00	11.000	154.3	2.276	.6300-01	.2041	-5.413	-.3770-01	-.3770-01
9	2.0000	.12500	12.000	42.71	.6300	.1740-01	-.5920-01	-5.676	.1040-01	.1040-01
9	2.0000	.15000	14.000	93.72	1.382	.3930-01	.6110-01	-5.556	-.1100-01	-.1100-01
9	2.0000	.50000	24.000	61.29	.9040	.2500-01	-.1540-01	-5.632	.2700-02	.2700-02
9	2.0000	.80000	27.000	245.8	3.625	.1004	.4199	-5.197	-.8080-01	-.8080-01
9	2.0000	.85000	30.000	142.8	2.107	.5830-01	.1770	-5.440	-.3250-01	-.3250-01
9	2.0000	.90000	36.000	36.26	.5348	.1480-01	-.7440-01	-5.681	.1310-01	.1310-01
9	2.0000	.95000	37.000	24.06	.3549	.9800-02	-.1032	-5.720	.1800-01	.1800-01
9	3.0000	.10000+00	10.000	192.7	2.842	.7870-01	.2945	-5.322	-.5530-01	-.5530-01
9	4.0000	.10000+00	9.0000	252.9	3.730	1.033	.4365	-5.180	-.8430-01	-.8430-01
9	5.0000	.10000+00	8.0000	259.3	3.825	1.059	.4518	-5.165	-.8750-01	-.8750-01
9	6.0000	.10000+00	7.0000	247.1	3.645	1.009	.4230	-5.194	-.8140-01	-.8140-01
9	7.0000	.17000	17.000	425.3	6.274	.1737	.8433	-4.773	-.1767	-.1767
9	7.0000	.18000	18.000	359.8	5.308	.1469	.6889	-4.928	-.1398	-.1398

IH11. MODEL 84-OTS. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
9	7.0000	.20000	19.000	136.4	2.012	.5570-01	.1618	-5.455	-.2970-01
9	8.0000	.83000	46.000	241.9	3.568	.9880-01	.4106	-5.206	-.7890-01
9	9.0000	.89000	52.000	112.9	1.665	.4610-01	.1064	-5.510	-.1930-01
9	10.000	.79000	42.000	234.5	3.460	.9580-01	.3933	-5.223	-.7530-01
9	10.000	.79500	43.000	246.1	3.630	.1005	.4206	-5.196	-.8090-01
9	10.000	.81000	44.000	305.2	4.501	.1246	.5599	-5.057	-.1107
9	10.000	.83000	45.000	175.0	2.582	.7150-01	.2530	-5.364	-.4720-01
9	10.000	.84000	51.000	97.47	1.438	.3980-01	.7000-01	-5.547	-.1260-01
9	10.000	.86000	53.000	106.9	1.576	.4360-01	.9220-01	-5.525	-.1670-01
9	10.000	.87500	50.000	22.91	.3379	.9400-02	-.1059	-5.723	-.1850-01
9	11.000	.85000	54.000	100.0	1.475	.4080-01	.7600-01	-5.541	-.1370-01
9	12.000	.87500	49.000	30.16	.4448	.1230-01	-.6880-01	-5.706	-.1560-01
9	13.000	.83000	47.000	225.3	3.323	.9200-01	.3715	-5.245	-.7080-01
9	14.000	.83500	48.000	216.2	3.189	.8830-01	.3500	-5.267	-.6650-01
9	15.000	.91000	35.000	49.88	.7357	.2040-01	-.4230-01	-5.659	-.7500-02
9	15.000	.99100	41.000	73.65	1.086	.3010-01	.1380-01	-5.603	-.2500-02
9	16.000	.70000	25.000	50.98	.7519	.2080-01	-.3970-01	-5.656	.7000-02
9	16.000	.85000	29.000	50.82	.7496	.2080-01	-.4000-01	-5.657	.7100-02
9	16.000	.85000	40.000	60.66	.8947	.2480-01	.1680-01	-5.634	.3000-02
9	17.000	.99000	39.000	61.41	.9058	.2510-01	-.1510-01	-5.632	.2700-02
9	18.000	.25000	21.000	116.7	1.721	.4770-01	.1154	-5.501	-.2100-01
9	18.000	.50000	23.000	59.16	.8727	.2420-01	-.2040-01	-5.637	.3600-02
9	18.000	.85000	28.000	85.06	1.255	.3470-01	.4070-01	-5.576	-.7300-02
9	18.000	.98300	38.000	62.23	.9179	.2540-01	-.1310-01	-5.630	.2300-02
9	19.000	.85000	32.000	135.7	2.001	.5540-01	.1601	-5.457	-.2930-01
9	20.000	.85000	31.000	103.5	1.526	.4230-01	.8420-01	-5.533	-.1520-01

ORBITER FUSELAGE

IH11, MODEL 84-OTS, ORBITER FUSELAGE

(RG1801)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
9	1.0000	.00000	1.0000	831.8	12.27	.3394	1.802	-3.817	-.4720
9	1.0000	.25000-01	2.0000	998.8	10.31	.2851	1.488	-4.131	-.3602
9	1.0000	.75000-01	5.0000	238.2	3.514	.9720-01	4.019	-5.217	-.7700-01
9	1.0000	.15000	13.000	278.3	4.105	.1136	4.964	-5.122	-.9690-01
9	1.0000	.16000	15.000	530.1	7.818	.2163	1.090	-4.529	-.2407
9	1.0000	.18000	16.000	613.0	9.041	.2501	1.286	-4.333	-.2967
9	1.0000	.22000	20.000	61.14	.9018	.2490-01	-.1570-01	-5.635	.2800-02
9	1.0000	.50000	22.000	73.63	1.086	.3000-01	.1380-01	-5.605	-.2500-02
9	1.0000	.80000	26.000	108.4	1.600	.4430-01	.9580-01	-5.523	-.1740-01
9	2.0000	.00000	1.0000	831.8	12.27	.3394	1.802	-3.817	-.4720
9	2.0000	.25000-01	3.0000	193.2	2.850	.7880-01	.2958	-5.323	-.5560-01
9	2.0000	.50000-01	4.0000	130.5	1.925	.5330-01	1.479	-5.471	-.2700-01
9	2.0000	.75000-01	6.0000	132.9	1.960	.5420-01	1.535	-5.465	-.2810-01
9	2.0000	.10000+00	11.000	195.5	2.884	.7980-01	.3011	-5.318	-.5660-01
9	2.0000	.12500	12.000	149.5	2.205	.6100-01	1.927	-5.426	-.3550-01
9	2.0000	.15000	14.000	177.4	2.617	.7240-01	.2585	-5.360	-.4820-01
9	2.0000	.50000	24.000	74.34	1.096	.3030-01	1.540-01	-5.603	-.2800-02
9	2.0000	.60000	27.000	326.5	4.816	.1332	.6100	-5.009	-.1218
9	2.0000	.85000	30.000	148.4	2.188	.6050-01	1.900	-5.429	-.3500-01
9	2.0000	.90000	36.000	35.78	.5425	1.500-01	-.7310-01	-5.692	-.1280-01
9	2.0000	.95000	37.000	33.40	.4927	.1360-01	-.8110-01	-5.700	-.1420-01
9	3.0000	.10000+00	10.000	178.5	2.633	.7290-01	.2611	-5.358	-.4870-01
9	4.0000	.10000+00	9.0000	141.3	2.084	.5770-01	1.733	-5.446	-.3180-01
9	5.0000	.10000+00	8.0000	151.3	2.232	.6180-01	1.970	-5.422	-.3630-01
9	6.0000	.10000+00	7.0000	154.7	2.282	.6310-01	2.050	-5.414	-.3790-01
9	7.0000	.17000	17.000	638.7	9.421	.2606	1.346	-4.272	-.3151
9	7.0000	.18000	18.000	522.3	7.704	.2131	1.072	-4.547	-.2357

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1801)

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CP(SI)
9	7.0000	.20000	19.000	197.9	2.919	.8080-01	.3069	-5.312	-5.780-01
9	8.0000	.83000	46.000	263.4	3.885	.1075	.4612	-5.158	-8940-01
9	9.0000	.85000	52.000	87.38	1.289	.3570-01	.4620-01	-5.573	-8300-02
9	10.000	.79000	42.000	311.7	4.598	.1272	.5752	-5.044	-1140
9	10.000	.79500	43.000	362.3	5.352	.1481	.6958	-4.923	-1413
9	10.000	.81000	44.000	411.9	6.075	.1681	.8114	-4.807	-1688
9	10.000	.83000	45.000	186.2	2.747	.7600-01	.2793	-5.340	-5230-01
9	10.000	.84000	51.000	89.45	1.319	.3650-01	.5110-01	-5.568	-9200-02
9	10.000	.86000	53.000	91.61	1.351	.3740-01	.5620-01	-5.563	-1010-01
9	10.000	.87500	50.000	19.57	.2886	.8000-02	-1.137	-5.733	-1980-01
9	11.000	.85000	54.000	85.41	1.260	.3450-01	.4150-01	-5.577	-7400-02
9	12.000	.87500	49.000	24.27	.3580	.9900-02	-1.026	-5.721	-1790-01
9	13.000	.83000	47.000	274.4	4.047	.1120	.4871	-5.132	-9490-01
9	14.000	.83500	48.000	154.6	2.281	.6310-01	.2048	-5.414	-3780-01
9	15.000	.91000	35.000	62.24	.9180	.2540-01	-1.310-01	-5.632	-2300-02
9	15.000	.99100	41.000	49.20	.7256	.2010-01	-4.390-01	-5.663	-7700-02
9	16.000	.70000	25.000	63.81	.9412	.2600-01	-9400-02	-5.628	-1700-02
9	16.000	.85000	29.000	74.81	1.103	.3050-01	.1650-01	-5.570	-3000-02
9	16.000	.99100	40.000	88.32	1.303	.7600-01	.4840-01	-5.570	-8700-02
9	17.000	.99000	39.000	75.06	1.107	.3060-01	.1710-01	-5.602	-3100-02
9	18.000	.25000	21.000	108.4	1.600	.4430-01	.9580-01	-5.523	-1740-01
9	18.000	.50000	23.000	92.10	1.358	.3760-01	.5730-01	-5.562	-1030-01
9	18.000	.85000	28.000	109.2	1.611	.4460-01	.9770-01	-5.521	-1770-01
9	18.000	.98300	38.000	90.68	1.338	.3700-01	.5400-01	-5.565	-9700-02
9	19.000	.85000	32.000	127.8	1.885	.5210-01	.1414	-5.477	-2580-01
9	20.000	.85000	31.000	91.08	1.343	.3720-01	.5490-01	-5.564	-9900-02

ORBITER FUSELAGE

IH11. MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEC.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
9	1.0000	.00000	1.0000	731.7	10.80	.2988	1.567	-4.052	-.3867
9	1.0000	.25000-01	2.0000	665.5	9.823	.2718	1.411	-4.208	-.3352
9	1.0000	.75000-01	5.0000	187.6	2.769	.7660-01	.2828	-5.336	-.5300-01
9	1.0000	.15000	13.000	204.3	3.016	.8340-01	.3223	-5.296	-.6090-01
9	1.0000	.16000	15.000	420.6	6.208	.1718	.8327	-4.786	-.1740
9	1.0000	.18000	16.000	500.0	7.379	.2042	1.020	-4.599	-.2218
9	1.0000	.22000	20.000	48.15	.7107	.1970-01	-.4630-01	-5.665	.8200-02
9	1.0000	.50000	22.000	62.37	.9206	.2550-01	-.1270-01	-5.631	.2300-02
9	1.0000	.80000	26.000	107.3	1.584	.4380-01	.9330-01	-5.525	-.1690-01
9	1.0000	.00000	1.0000	731.7	10.80	.2988	1.567	-4.052	-.3867
9	2.0000	.25000-01	3.0000	169.5	2.501	.6920-01	.2400	-5.379	-.4460-01
9	2.0000	.50000-01	4.0000	117.4	1.732	.4790-01	1.171	-5.502	-.2130-01
9	2.0000	.75000-01	6.0000	131.2	1.936	.5360-01	1.497	-5.463	-.2740-01
9	2.0000	.10000+00	11.000	219.9	3.245	.8980-01	.3590	-5.260	-.6830-01
9	2.0000	.12500	12.000	67.32	.9936	.2750-01	-.1000-02	-5.620	-.2000-03
9	2.0000	.15000	14.000	125.7	1.855	.5130-01	1.367	-5.482	-.2490-01
9	2.0000	.50000	24.000	68.57	1.012	.2800-01	.1900-02	-5.617	-.3000-03
9	2.0000	.85000	27.000	261.8	3.864	.1069	.4578	-5.161	-.8870-01
9	2.0000	.90000	30.000	121.0	1.786	.4940-01	1.256	-5.493	-.2290-01
9	2.0000	.95000	36.000	29.92	.4417	.1220-01	-.8930-01	-5.708	.1560-01
9	3.0000	.10000+00	37.000	19.24	.2840	.7900-02	-.1145	-5.733	.2000-01
9	3.0000	.10000+00	10.000	262.5	3.875	.1072	.4597	-5.159	-.8910-01
9	4.0000	.10000+00	9.0000	238.7	3.523	.9750-01	.4033	-5.215	-.7730-01
9	5.0000	.10000+00	8.0000	152.5	2.251	.6230-01	.1999	-5.419	-.3690-01
9	6.0000	.10000+00	7.0000	156.3	2.306	.6380-01	.2088	-5.410	-.3860-01
9	7.0000	.17000	17.000	515.5	7.609	.2105	1.057	-4.562	-.2316
9	7.0000	.18000	18.000	436.8	6.447	.1784	.8709	-4.748	-.1834

IH11. MODEL 84-OTS. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
9	7.000	.20000	19.000	162.3	2.396	.6630-01	.2231	-5.396	-.4140-01
9	8.000	.83000	46.000	225.0	3.321	.9190-01	.3711	-5.248	-.7070-01
9	9.000	.85000	52.000	79.35	1.171	.3240-01	.2740-01	-5.591	-.4900-02
9	10.000	.79000	42.000	305.0	4.503	.1246	.5600	-5.059	-.1107
9	10.000	.79500	43.000	337.6	4.983	.1379	.6368	-4.982	-.1278
9	10.000	.81000	44.000	349.1	5.152	.1425	.6638	-4.955	-.1340
9	10.000	.83000	45.000	113.2	1.671	.4620-01	.1073	-5.511	-.1950-01
9	10.000	.84000	51.000	82.36	1.216	.3360-01	.3450-01	-5.584	-.6200-02
9	10.000	.86000	53.000	84.15	1.242	.3440-01	.3870-01	-5.580	-.6900-02
9	10.000	.87500	50.000	21.05	.3106	.8600-02	-.1102	-5.729	.1920-01
9	11.000	.85000	54.000	77.56	1.145	.3170-01	.2320-01	-5.595	-.4100-02
9	12.000	.87500	49.000	27.63	.4078	.1130-01	-.9470-01	-5.713	-.1660-01
9	13.000	.83000	47.000	231.1	3.412	.9440-01	.3855	-5.233	-.7370-01
9	14.000	.83500	48.000	162.4	2.397	.6630-01	.2233	-5.395	-.4140-01
9	15.000	.91000	35.000	65.35	.9646	.2670-01	-.5700-02	-5.624	.1000-02
9	15.000	.99100	41.000	50.10	.7395	.2050-01	-.4160-01	-5.660	.7400-02
9	16.000	.70000	25.000	51.61	.7617	.2110-01	-.3810-01	-5.657	.6700-02
9	16.000	.85000	29.000	57.97	.8556	.2370-01	-.2310-01	-5.642	.4100-02
9	16.000	.99100	40.000	67.69	.9991	.2760-01	-.1000-03	-5.619	.0000
9	17.000	.99000	39.000	63.83	.9422	.2610-01	-.9200-02	-5.628	.1600-02
9	18.000	.25000	21.000	135.7	2.002	.5540-01	.1603	-5.458	-.2940-01
9	18.000	.50000	23.000	75.72	1.118	.3090-01	.1880-01	-5.600	-.3400-02
9	18.000	.85000	28.000	102.7	1.517	.4200-01	.8260-01	-5.536	-.1490-01
9	18.000	.98300	38.000	69.67	1.028	.2850-01	.4500-02	-5.614	-.8000-03
9	19.000	.85000	32.000	108.1	1.595	.4410-01	.9520-01	-5.524	-.1720-01
9	20.000	.85000	31.000	86.88	1.282	.3550-01	.4510-01	-5.573	-.8100-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	4.983	X10 6 1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP/SI
9	1.0000	.00000	1.0000	626.9	9.243	.2557	1.318	-4.301	-.3064
9	1.0000	.25000-01	2.0000	626.2	9.233	.2554	1.316	-4.302	-.3059
9	1.0000	.75000-01	5.0000	147.3	2.171	.6010-01	.1873	-5.431	-.3450-01
9	1.0000	.15000	13.000	159.8	2.357	.6320-01	.2169	-5.402	-.4020-01
9	1.0000	.16000	15.000	334.2	4.928	.1363	.6279	-4.991	-.1258
9	1.0000	.18000	16.000	403.6	5.951	.1646	.7915	-4.827	-.1640
9	1.0000	.22000	20.000	37.41	.5516	.1530-01	-.7170-01	-5.690	.1260-01
9	1.0000	.50000	22.000	49.90	.7358	.2040-01	-.4220-01	-5.661	.7500-02
9	1.0000	.80000	26.000	79.53	1.173	.3240-01	.2760-01	-5.591	-.4900-02
9	2.0000	.00000	1.0000	626.9	9.243	.2557	1.318	-4.301	-.3064
9	2.0000	.25000-01	3.0000	173.9	2.564	.7090-01	.2501	-5.369	-.4660-01
9	2.0000	.50000-01	4.0000	151.9	2.240	.6200-01	.1982	-5.420	-.3660-01
9	2.0000	.75000-01	6.0000	237.5	3.501	.9690-01	.3999	-5.219	-.7660-01
9	2.0000	1.0000+00	11.000	152.0	2.241	.6200-01	.1984	-5.420	-.3660-01
9	2.0000	.12500	12.000	41.57	.6130	.1700-01	-.6190-01	-5.680	.1090-01
9	2.0000	.15000	14.000	96.03	1.416	.3920-01	.6650-01	-5.552	.1200-01
9	2.0000	.50000	24.000	61.30	9038	.2500-01	-.1540-01	-5.634	.2700-02
9	2.0000	.80000	27.000	232.0	3.420	.9460-01	.3869	-5.232	-.7400-01
9	2.0000	.85000	30.000	146.3	2.157	.5970-01	.1850	-5.434	-.3410-01
9	2.0000	.90000	36.000	35.29	.5203	.1440-01	-.7670-01	-5.695	.1350-01
9	2.0000	.95000	37.000	23.19	.3419	.9500-02	-.1052	-5.724	.1840-01
9	3.0000	1.0000+00	10.000	188.5	2.780	.7690-01	.2845	-5.334	-.5330-01
9	4.0000	1.0000+00	9.0000	249.1	3.673	.1016	.4273	-5.191	-.8230-01
9	5.0000	1.0000+00	8.0000	260.2	3.837	.1062	.4536	-5.165	-.8780-01
9	6.0000	1.0000+00	7.0000	250.2	3.689	.1021	.4299	-5.189	-.8290-01
9	7.0000	.17000	17.000	429.1	6.327	.1751	.8517	-4.767	-.1787
9	7.0000	.18000	18.000	360.9	5.322	.1472	.6909	-4.928	-.1402

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
9	7.000	.20000	19.000	136.2	2.008	.5560-01	.1611	-5.457	-.2950-01
9	8.000	.83000	46.000	242.1	3.569	.9880-01	.4108	-5.208	-.7890-01
9	9.000	.85000	52.000	111.1	1.638	.4530-01	.1020	-5.517	-.1850-01
9	10.000	.79500	42.000	232.2	3.424	.9470-01	.3875	-5.231	-.7410-01
9	10.000	.81000	44.000	316.0	4.659	.1289	.5850	-5.183	-.8400-01
9	10.000	.83000	45.000	172.3	2.541	.7030-01	.2463	-5.034	-.1162
9	10.000	.84000	51.000	99.62	1.469	.4060-01	.7500-01	-5.544	-.4580-01
9	10.000	.86000	53.000	108.1	1.594	.4410-01	.9490-01	-5.524	-.1720-01
9	10.000	.87500	50.000	22.05	.3252	.9000-02	-1.079	-5.727	-.1880-01
9	11.000	.85000	54.000	98.87	1.458	.4030-01	.7320-01	-5.545	-.1320-01
9	12.000	.87500	49.000	27.79	.4097	.1130-01	-9440-01	-5.713	.1650-01
9	13.000	.83000	47.000	191.1	2.818	.7800-01	.2906	-5.328	-.5460-01
9	14.000	.83500	48.000	194.9	2.873	.7950-01	.2995	-5.319	-.5630-01
9	15.000	.91000	35.000	48.33	.7127	.1970-01	-4590-01	-5.665	.8100-02
9	15.000	.70000	41.000	73.48	1.084	.3000-01	.1340-01	-5.605	-.2400-02
9	16.000	.85000	25.000	50.22	.7405	.2050-01	-4150-01	-5.660	.7300-02
9	16.000	.99100	29.000	49.75	.7335	.2030-01	-4260-01	-5.661	.7500-02
9	17.000	.99000	40.000	61.36	.9047	.2500-01	-1520-01	-5.634	.2700-02
9	18.000	.25000	39.000	58.91	.8687	.2400-01	-2100-01	-5.640	.3700-02
9	18.000	.50000	21.000	116.3	1.715	.4740-01	.1143	-5.504	-.2080-01
9	18.000	.85000	23.000	61.61	.9085	.2510-01	-1460-01	-5.633	.2600-02
9	18.000	.98300	28.000	80.70	1.190	.3290-01	.3040-01	-5.588	-.5400-02
9	19.000	.85000	38.000	65.46	.9652	.2670-01	-5600-02	-5.624	.1000-02
9	19.000	.85000	32.000	134.5	1.984	.5490-01	.1573	-5.461	-.2880-01
9	20.000	.85000	31.000	110.2	1.626	.4500-01	.1000*00	-5.519	-.1810-01

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
6	1.0000	.00000	1.0000	820.7	18.27	.2360	2.002	-6.856	-.2920
6	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
6	1.0000	.75000-01	5.0000	213.5	4.754	.6140-01	.4351	-8.423	-.5170-01
6	1.0000	.15000	13.0000	220.5	4.908	.6340-01	.4530	-8.405	-.5390-01
6	1.0000	.16000	15.0000	495.2	11.02	.1424	1.162	-7.696	-.1510
6	1.0000	.18000	16.0000	605.6	13.48	.1741	1.447	-7.411	-.1952
6	1.0000	.22000	20.0000	53.74	1.196	.1550-01	.2280-01	-8.835	-.2600-02
6	1.0000	.50000	22.0000	59.80	1.331	.1720-01	.3840-01	-8.819	-.4400-02
6	1.0000	.80000	26.0000	58.30	1.298	.1680-01	.3450-01	-8.823	-.3900-02
6	2.0000	.00000	1.0000	820.7	18.27	.2360	2.002	-6.856	-.2920
6	2.0000	.25000-01	3.0000	162.3	3.614	.4670-01	.3030	-8.555	-.3540-01
6	2.0000	.50000-01	4.0000	120.3	2.677	.3460-01	.1944	-8.663	-.2240-01
6	2.0000	.75000-01	6.0000	117.7	2.621	.3390-01	.1880	-8.670	-.2170-01
6	2.0000	.10000*00	11.0000	103.6	2.306	.2980-01	.1514	-8.707	-.1740-01
6	2.0000	.12500	12.0000	111.9	2.492	.3220-01	.1729	-8.685	-.1990-01
6	2.0000	.15000	14.0000	118.9	2.646	.3420-01	.1908	-8.667	-.2200-01
6	2.0000	.50000	24.0000	66.32	1.476	.6980-01	.5520-01	-8.803	-.6300-02
6	2.0000	.80000	27.0000	242.6	5.401	.6980-01	.5102	-8.348	-.6110-01
6	2.0000	.90000	30.0000	118.8	2.644	.3420-01	.1906	-8.667	-.2200-01
6	2.0000	.95000	36.0000	29.83	.6641	.8600-02	.3890 01	-8.897	-.4400-02
6	3.0000	.10000*00	37.0000	23.94	.5328	.6900-02	.5420-01	-8.912	-.6100-02
6	4.0000	.10000*00	10.0000	117.5	2.616	.3380-01	.1873	-8.671	-.2160-01
6	4.0000	.10000*00	9.0000	123.7	2.754	.3560-01	.2034	-8.655	-.2350-01
6	5.0000	.10000*00	8.0000	122.7	2.732	.3530-01	.2007	-8.657	-.2320-01
6	6.0000	.10000*00	7.0000	123.8	2.756	.3560-01	.2036	-8.654	-.2350-01
6	7.0000	.17000	17.0000	618.8	13.78	.1780	1.481	-7.377	-.2008
6	7.0000	.18000	18.0000	501.5	11.16	.1442	1.178	-7.680	-.1534

IH11. MODEL 84-OTS. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
6	7.0000	.20000	19.000	181.0	4.029	.5200-01	.3511	-8.507	-4130-01
6	8.0000	.83000	46.000	207.3	4.614	.5960-01	.4190	-8.439	-4960-01
6	9.0000	.85000	52.000	68.70	1.529	.1980-01	.6140-01	-8.797	-7000-02
6	10.000	.79000	42.000	214.1	4.767	.6160-01	.4367	-8.421	-5190-01
6	10.000	.79500	43.000	265.2	5.904	.7630-01	.5685	-8.289	-6860-01
6	10.000	.81000	44.000	306.3	6.819	.8810-01	.6746	-8.183	-8240-01
6	10.000	.83000	45.000	164.8	3.670	.4740-01	.3095	-8.548	-3620-01
6	10.000	.84000	51.000	59.20	1.318	.1700-01	.3690-01	-8.821	-4200-02
6	10.000	.86000	53.000	66.73	1.485	.1920-01	.5630-01	-8.802	-6400-02
6	10.000	.87500	50.000	17.81	.3965	.5100-02	.7000-01	-8.928	.7800-02
6	11.000	.85000	54.000	65.22	1.452	.1880-01	.5240-01	-8.806	-5900-02
6	12.000	.87500	49.000	23.46	.5221	.6700-02	.5540-01	-8.913	.6200-02
6	13.000	.83000	47.000	194.7	4.333	.5600-01	.3864	-8.472	-4560-01
6	14.000	.83500	48.000	103.7	2.308	.2980-01	.1517	-8.706	-1740-01
6	15.000	.91000	35.000	45.64	1.016	.1310-01	.1900-02	-8.856	-2000-03
6	15.000	.99100	41.000	35.12	.7818	.1010-01	-.2530-01	-8.883	.2800-02
6	16.000	.70000	25.000	49.10	1.093	.1410-01	.1080-01	-8.847	-1200-02
6	16.000	.85000	29.000	50.52	1.125	.1450-01	.1440-01	-8.844	-1600-02
6	16.000	.99100	40.000	60.24	1.341	.1730-01	.3950-01	-8.818	-4500-02
6	17.000	.99000	39.000	56.38	1.255	.1620-01	.2960-01	-8.828	-3300-02
6	18.000	.25000	21.000	85.43	1.902	.2460-01	.1045	-8.753	-1190-01
6	18.000	.50000	23.000	78.75	1.753	.2260-01	.8730-01	-8.771	-1000-01
6	18.000	.85000	28.000	81.34	1.811	.2340-01	.9400-01	-8.764	-1070-01
6	19.000	.98300	38.000	62.00	1.380	.1780-01	.4410-01	-8.814	-5000-02
6	19.000	.85000	32.000	103.0	2.292	.2960-01	.1498	-8.708	-1720-01
6	20.000	.85000	31.000	64.28	1.431	.1850-01	.5000-01	-8.808	-5700-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-5.379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
6	1.0000	.00000	1.0000	696.3	15.50	.2003	1.681	-7.176	-.2343
6	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
6	1.0000	.75000-01	5.0000	156.6	3.488	.4510-01	.2884	-8.569	-.3370-01
6	1.0000	.15000	13.000	159.6	3.554	.4590-01	.2961	-8.561	-.3460-01
6	1.0000	.16000	15.000	377.1	8.396	.1085	.8575	-7.999	-.1072
6	1.0000	.18000	16.000	471.3	10.49	.1356	1.101	-7.756	-.1419
6	1.0000	.22000	20.000	42.21	.9397	.1210-01	-.7000-02	-8.864	.8000-03
6	1.0000	.50000	22.000	44.01	.9800	.1270-01	-.2300-02	-8.859	.3000-03
6	1.0000	.80000	26.000	68.48	1.525	.1970-01	.6080-01	-8.796	-.6900-02
6	2.0000	.00000	1.0000	696.3	15.50	.2003	1.681	-7.176	-.2343
6	2.0000	.25000-01	3.0000	137.8	3.067	.3960-01	.2397	-8.617	-.2780-01
6	2.0000	.50000-01	4.0000	103.6	2.306	.2980-01	1.514	-8.706	-.1740-01
6	2.0000	.75000-01	6.0000	95.14	2.118	.2740-01	1.297	-8.727	-.1490-01
6	2.0000	.10000+00	11.000	126.4	2.815	.3640-01	.2105	-8.647	-.2430-01
6	2.0000	.12500	12.000	45.59	1.015	.1310-01	.1700-02	-8.855	-.2000-03
6	2.0000	.15000	14.000	122.0	2.715	.3510-01	.1989	-8.658	-.2300-01
6	2.0000	.50000	24.000	60.30	1.343	.1730-01	.3970-01	-8.817	-.4500-02
6	2.0000	.80000	27.000	146.0	3.251	.4200-01	.2610	-8.596	-.3040-01
6	2.0000	.85000	30.000	72.41	1.612	.2080-01	.7100-01	-8.786	-.8100-02
6	2.0000	.90000	36.000	23.64	.5264	.6800-02	-.5490-01	-8.912	.6200-02
6	2.0000	.95000	37.000	20.03	.4459	.5800-02	-.6420-01	-8.921	.7200-02
6	3.0000	.10000+00	10.000	101.4	2.257	.2920-01	1.457	-8.711	-.1670-01
6	4.0000	.10000+00	9.0000	106.2	2.365	.3060-01	1.583	-8.699	-.1820-01
6	5.0000	.10000+00	8.0000	107.1	2.384	.3080-01	1.605	-8.696	-.1850-01
6	6.0000	.10000+00	7.0000	103.2	2.297	.2970-01	1.504	-8.707	-.1730-01
6	7.0000	.17000	17.000	489.6	10.90	.1408	1.148	-7.709	-.1489
6	7.0000	.18000	18.000	400.9	8.925	.1153	.9188	-7.938	-.1157

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(SI)	CP1/SI
6	7.0000	.20000	19.000	142.9	3.181	.4110-01	.2529	-8.604	-.2940-01
6	8.0000	.83000	46.000	167.8	3.736	.4830-01	.3172	-8.540	-.3710-01
6	9.0000	.85000	52.000	47.85	1.065	.1380-01	.7600-02	-8.849	-.9000-03
6	10.000	.79000	42.000	137.9	3.070	.3970-01	.2400	-8.617	-.2790-01
6	10.000	.79500	43.000	187.5	4.174	.5390-01	.3680	-8.489	-.4340-01
6	10.000	.81000	44.000	242.4	5.398	.6970-01	.5098	-8.347	-.6110-01
6	10.000	.83000	45.000	122.7	2.733	.3530-01	.2009	-8.656	-.2320-01
6	10.000	.84000	51.000	48.23	1.074	.1390-01	.8600-02	-8.849	-.1000-02
6	10.000	.85000	53.000	50.01	1.114	.1440-01	.1320-01	-8.844	-.1500-02
6	10.000	.87500	50.000	14.73	.3280	.4200-02	-.7790-01	-8.935	-.8700-02
6	11.000	.85000	54.000	47.00	1.047	.1350-01	.5400-02	-8.852	-.6000-03
6	12.000	.87500	49.000	20.38	.4537	.5900-02	-.6330-01	-8.920	-.7100-02
6	13.000	.83000	47.000	159.3	3.548	.4580-01	.2954	-8.562	-.3450-01
6	14.000	.83500	48.000	94.89	2.113	.2730-01	.1290	-8.728	-.1480-01
6	15.000	.91000	35.000	40.87	.9100	.1180-01	-.1040-01	-8.867	-.1200-02
6	15.000	.99100	41.000	35.53	.7910	.1020-01	-.2420-01	-8.881	-.2700-02
6	16.000	.70000	25.000	40.16	.8942	.1160-01	-.1230-01	-8.869	-.1400-02
6	16.000	.85000	29.000	40.24	.8960	.1160-01	-.1210-01	-8.869	-.1400-02
6	16.000	.93100	40.000	44.56	.9921	.1280-01	-.9000-03	-8.858	-.1000-03
6	17.000	.99000	39.000	50.98	1.126	.1460-01	.1460-01	-8.842	-.1700-02
6	18.000	.25000	21.000	71.62	1.595	.2060-01	.6890-01	-8.788	-.7800-02
6	18.000	.50000	23.000	60.37	1.344	.1740-01	.3990-01	-8.817	-.4500-02
6	18.000	.85000	28.000	68.87	1.533	.1980-01	.6180-01	-8.795	-.7000-02
6	19.000	.98300	38.000	50.78	1.131	.1460-01	.1510-01	-8.842	-.1700-02
6	19.000	.85000	32.000	79.09	1.761	.2280-01	.8820-01	-8.769	-.1010-01
6	20.000	.85000	31.000	51.88	1.155	.1490-01	.1800-01	-8.839	-.2000-02

DATE 01 OCT 80

IHLI INTEGRATED VEHICLE PRESSURE DATA

PAGE 19

IHLI. MODEL 84-OTS, ORBITER FUSELAGE

(RG1801)

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
6	1.0000	.00000	1.0000	571.3	12.73	.1644	1.360	-7.497	-.1813
6	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
6	1.0000	.75000-01	5.0000	115.2	2.566	.3320-01	.1816	-6.675	-.2090-01
6	1.0000	.15000	13.0000	119.0	2.650	.7420-01	.1913	-8.666	-.2210-01
6	1.0000	.16000	15.0000	268.4	5.979	.720-01	.5772	-8.280	-.6970-01
6	1.0000	.18000	16.0000	362.0	8.064	.1042	.8190	-8.038	-.1019
6	1.0000	.20000	20.0000	31.26	.6965	.9000-02	-.3520-01	-8.892	.4000-02
6	1.0000	.50000	22.0000	36.38	.8104	.1050-01	-.2200-01	-8.879	.2500-02
6	1.0000	.80000	26.0000	46.84	1.044	.1350-01	.5000-02	-8.852	-.6000-03
6	2.0000	.00000	1.0000	571.3	12.73	.1644	1.360	-7.497	-.1813
6	2.0000	.25000-01	3.0000	123.3	2.747	.3550-01	.2025	-8.655	-.2340-01
6	2.0000	.50000-01	4.0000	95.15	2.120	.2740-01	.1298	-8.727	-.1490-01
6	2.0000	.75000-01	6.0000	128.7	2.868	.3710-01	.2165	-8.640	-.2510-01
6	2.0000	.10000+00	11.0000	147.1	3.276	.4230-01	.2639	-8.593	-.3070-01
6	2.0000	.12500	12.0000	33.62	.7490	.9700-02	-.2910-01	-8.886	.3300-02
6	2.0000	.15000	14.0000	67.69	1.508	.1950-01	.5890-01	-8.798	-.6700-02
6	2.0000	.50000	24.0000	46.53	1.036	.1340-01	.4200-02	-8.853	-.5000-03
6	2.0000	.80000	27.0000	204.5	4.555	.5890-01	4.122	-8.445	-.4880-01
6	2.0000	.85000	30.0000	106.6	2.374	.3070-01	.1592	-8.698	-.1830-01
6	2.0000	.90000	36.0000	25.99	.5790	.7500-02	-.4880-01	-8.906	.5500-02
6	2.0000	.95000	37.0000	20.01	.4458	.5800-02	-.6420-01	-8.921	.7200-02
6	3.0000	.10000+00	10.0000	189.0	4.210	.5440-01	.3722	-8.485	-.4390-01
6	4.0000	.10000+00	9.0000	184.5	4.110	.5310-01	.3606	-8.496	-.4240-01
6	5.0000	.10000+00	8.0000	165.6	3.690	.4770-01	.3118	-8.545	-.3650-01
6	6.0000	.10000+00	7.0000	126.9	2.826	.3650-01	.2117	-8.645	-.2450-01
6	7.0000	.17000	17.0000	373.3	8.316	.1074	.8482	-8.009	-.1059
6	7.0000	.18000	18.0000	310.0	6.906	.8920-01	.6847	-8.172	-.8380-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1B01)

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP1(I)	CP1(SI)	CP1/SI
6	7.0000	.20000	19.000	113.6	2.530	.3270-01	.1773	-8.680	-.2040-01
6	8.0000	.83000	46.000	184.9	4.118	.5320-01	.3615	-8.495	-.4260-01
6	9.0000	.85000	52.000	69.76	1.554	.2010-01	.6420-01	-8.793	-.7300-02
6	10.000	.79000	42.000	198.2	4.416	.5710-01	.3960	-8.461	-.4680-01
6	10.000	.79500	43.000	265.3	5.911	.7640-01	.5694	-8.288	-.6870-01
6	10.000	.81000	44.000	283.2	6.309	.8150-01	.6155	-8.242	-.7470-01
6	10.000	.83000	45.000	93.76	2.089	.2700-01	.1262	-8.731	-.1450-01
6	10.000	.84000	51.000	67.60	1.506	.1950-01	.5860-01	-8.798	-.6700-02
6	10.000	.86000	53.000	64.68	1.441	.1860-01	.5110-01	-8.806	-.5800-02
6	10.000	.87500	50.000	17.52	.3903	.5000-02	.7070-01	-8.928	-.7900-02
6	11.000	.85000	54.000	59.88	1.334	.1720-01	.3870-01	-8.818	-.4400-02
6	12.000	.87500	49.000	25.05	.5581	.7200-02	.5120-01	-8.908	-.5800-02
6	13.000	.83000	47.000	172.9	3.852	.4980-01	.3307	-8.526	-.3880-01
6	14.000	.83500	48.000	97.72	2.177	.2810-01	.1364	-8.721	-.1560-01
6	15.000	.91000	35.000	40.63	.9050	.1170-01	.1100-01	-8.868	-.1200-02
6	15.000	.99100	41.000	47.45	1.057	.1370-01	.6600-02	-8.850	-.7000-03
6	16.000	.70000	25.000	33.70	.7508	.9700-02	.2890-01	-8.886	.3300-02
6	16.000	.85000	29.000	36.85	.8209	.1060-01	.2080-01	-8.878	.2300-02
6	16.000	.99100	40.000	37.38	.8327	.1080-01	.1940-01	-8.876	.2200-02
6	17.000	.99000	39.000	54.98	1.225	.1580-01	.2610-01	-8.831	-.3000-02
6	18.000	.25000	21.000	90.58	2.018	.2610-01	.1180	-8.739	-.1350-01
6	18.000	.50000	23.000	44.48	.9909	.1280-01	.1100-02	-8.858	.1000-03
6	18.000	.85000	28.000	57.38	1.278	.1650-01	.3230-01	-8.825	-.3700-02
6	18.000	.98300	38.000	48.73	1.086	.1400-01	.9900-02	-8.847	-.1100-02
6	19.000	.85000	32.000	91.53	2.039	.2630-01	.1204	-8.737	-.1380-01
6	20.000	.85000	31.000	58.72	1.308	.1690-01	.3570-01	-8.821	-.4000-02

IHL1, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
2	1.0000	.00000	1.0000	790.9	6.888	.4066	1.352	-2.308	-.5857
2	1.0000	.25000-01	2.0000	288.0	2.508	.1481	.3463	-3.313	-.1045
2	1.0000	.75000-01	5.0000	213.6	1.098	.1975	.1975	-3.462	-.5700-01
2	1.0000	.15000	13.000	289.3	2.519	.1487	.3488	-3.311	-.1053
2	1.0000	.16000	15.000	445.7	3.882	.2291	.6616	-2.998	-.2207
2	1.0000	.18000	16.000	509.0	4.433	.2617	.7880	-2.871	-.2744
2	1.0000	.22000	20.000	460.2	2.720-01	.1239	-.1239	-3.783	.3280-01
2	1.0000	.50000	22.000	96.29	.8386	.4950-01	-.3710-01	-3.697	.1000-01
2	1.0000	.80000	26.000	94.41	.8222	.4850-01	-.4080-01	-3.700	.1100-01
2	2.0000	.00000	1.0000	790.9	6.888	.4066	1.352	-2.308	-.5857
2	2.0000	.25000-01	3.0000	453.3	3.948	.2331	.6768	-2.983	-.2269
2	2.0000	.50000-01	4.0000	415.5	3.618	.2136	.6011	-3.058	-.1965
2	2.0000	.75000-01	6.0000	200.6	1.747	.1031	.1714	-3.488	-.4910-01
2	2.0000	.10000+00	11.000	128.0	1.115	.6580-01	-.2640-01	-3.633	-.7300-02
2	2.0000	.12500	12.000	71.78	.6251	.3690-01	-.8610-01	-3.746	.2300-01
2	2.0000	.15000	14.000	168.6	1.468	.8670-01	.1075	-3.552	-.3030-01
2	2.0000	.50000	24.000	74.92	.6525	.3850-01	-.7980-01	-3.739	-.2130-01
2	2.0000	.80000	27.000	318.4	2.773	.1637	.4071	-3.252	-.1252
2	2.0000	.85000	30.000	123.8	1.078	.6360-01	-.1790-01	-3.642	-.4900-02
2	2.0000	.90000	36.000	54.02	.4704	.2780-01	-.1216	-3.781	.3220-01
2	3.0000	.95000	37.000	73.27	.6381	.3770-01	-.8310-01	-3.743	.2220-01
2	3.0000	.10000+00	10.000	122.6	1.068	.6300-01	.1560-01	-3.644	-.4300-02
2	4.0000	.10000+00	9.0000	124.5	1.084	.6400-01	.1930-01	-3.640	-.5300-02
2	5.0000	.10000+00	8.0000	140.5	1.224	.7220-01	.5140-01	-3.608	-.1420-01
2	6.0000	.10000+00	7.0000	187.7	1.635	.9650-01	.1458	-3.514	-.4150-01
2	7.0000	.17000	17.000	514.4	4.480	.2644	.7989	-2.861	-.2793
2	7.0000	.18000	18.000	413.8	3.604	.2127	.5978	-3.062	-.1952

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
2	7.0000	.20000	19.000	160.2	1.396	.8240-01	.9080-01	-3.569	-.2550-01
2	8.0000	.83000	46.000	245.5	2.138	.1262	.2612	-3.398	-.7690-01
2	9.0000	.85000	52.000	119.2	1.038	.6130-01	.8700-02	-3.651	-.2400-02
2	10.000	.79000	42.000	304.3	2.650	.1564	.3789	-3.281	-.1155
2	10.000	.79500	43.000	317.9	2.768	.1634	.4060	-3.254	-.1248
2	10.000	.81000	44.000	334.8	2.915	.1721	.4397	-3.220	-.1366
2	10.000	.83000	45.000	227.6	1.982	.1170	.2254	-3.434	-.6560-01
2	10.000	.84000	51.000	104.0	.9057	.5350-01	-.2170-01	-3.681	.5900-02
2	10.000	.86000	53.000	113.1	.9853	.5820-01	-.3400-02	-3.663	.9000-03
2	10.000	.87500	50.000	32.16	.2801	.1650-01	.1653	-3.825	.4320-01
2	11.000	.85000	54.000	113.4	.9878	.5830-01	-.2800-02	-3.662	.8000-03
2	12.000	.87500	49.000	33.30	.2900	.1710-01	.1630	-3.822	.4260-01
2	13.000	.83000	47.000	229.3	1.997	.1179	.2288	-3.431	-.6670-01
2	14.000	.83500	48.000	197.6	1.721	.1016	.1655	-3.494	-.4740-01
2	15.000	.91000	35.000	98.19	.8550	.5050-01	-.3330-01	-3.693	.9000-02
2	15.000	.99100	41.000	75.90	.6610	.3900-01	-.7780-01	-3.737	.2080-01
2	16.000	.70000	25.000	62.04	.5402	.3190-01	.1056	-3.765	.2800-01
2	16.000	.85000	29.000	108.6	.9453	.5580-01	-.1250-01	-3.672	.3400-02
2	16.000	.99100	40.000	84.58	.7366	.4350-01	-.6050-01	-3.720	.1630-01
2	17.000	.99000	39.000	75.81	.6602	.3900-01	-.7800-01	-3.738	.2090-01
2	18.000	.25000	21.000	130.2	1.133	.6690-01	.3070-01	-3.629	-.8400-02
2	18.000	.50000	23.000	75.24	.6552	.3870-01	-.7920-01	-3.739	.2120-01
2	18.000	.85000	28.000	111.4	.9700	.5730-01	-.6900-02	-3.666	.1900-02
2	18.000	.98300	38.000	79.24	.6901	.4070-01	-.7110-01	-3.731	.1910-01
2	19.000	.85000	32.000	134.7	1.173	.6930-01	.3980-01	-3.620	-.1100-01
2	20.000	.85000	31.000	102.4	.6920	.5270-01	-.2480-01	-3.684	.6700-02

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
2	1.0000	.00000	1.0000	863.3	7.517	.4437	1.496	-2.163	-.6916
2	1.0000	.25000-01	2.0000	346.1	3.014	.1779	.4623	-3.197	-.1446
2	1.0000	.75000-01	5.0000	266.1	2.317	.1368	.3023	-3.357	-.9010-01
2	1.0000	.15000	13.000	359.1	3.126	.1846	.4882	-3.171	-.1539
2	1.0000	.16000	15.000	545.5	4.750	.2804	.8609	-2.799	-.3076
2	1.0000	.18000	16.000	601.9	5.240	.3094	.9736	-2.686	-.3625
2	1.0000	.22000	20.000	63.61	.5538	.3270-01	-.1024	-3.762	-.2720-01
2	1.0000	.22.000	22.000	115.0	1.001	.5910-01	.3000-03	-3.659	-.1000-03
2	1.0000	.26.000	26.000	104.9	.9138	.5390-01	-.1980-01	-3.679	-.5400-02
2	2.0000	.00000	1.0000	863.3	7.517	.4437	1.496	-2.163	-.6916
2	2.0000	.25000-01	3.0000	268.8	2.341	.1382	.3078	-3.352	-.9180-01
2	2.0000	.50000-01	4.0000	227.9	1.984	.1171	.2260	-3.434	-.6580-01
2	2.0000	.75000-01	6.0000	425.5	3.705	.2187	.6210	-3.039	-.2044
2	2.0000	.10000+00	11.000	230.1	2.003	.1183	.2304	-3.429	-.6720-01
2	2.0000	.12500	12.000	71.15	.6195	.3660-01	-.8740-01	-3.747	-.2330-01
2	2.0000	.15000	14.000	190.5	1.658	.9790-01	.1512	-3.508	-.4310-01
2	2.0000	.24.000	24.000	85.38	.7434	.4390-01	-.5890-01	-3.718	-.1580-01
2	2.0000	.27.000	27.000	342.0	2.977	.1758	.4539	-3.206	-.1416
2	2.0000	.30.000	30.000	140.2	1.220	.7200-01	.5060-01	-3.609	-.1400-01
2	2.0000	.36.000	36.000	44.74	.3896	.2300-01	-.1401	-3.800	-.3690-01
2	2.0000	.37.000	37.000	68.32	.5949	.3510-01	-.9300-01	-3.752	-.2480-01
2	3.0000	.10000+00	10.000	234.0	2.037	.1202	.2381	-3.421	-.6960-01
2	4.0000	.10000+00	9.0000	269.1	2.343	.1383	.3083	-3.351	-.9200-01
2	5.0000	.10000+00	8.0000	290.2	2.526	.1491	.3504	-3.309	-.1059
2	6.0000	.10000+00	7.0000	317.2	2.762	.1630	.4044	-3.255	-.1243
2	7.0000	.17000	17.000	615.2	5.356	.3162	1.000	-2.659	-.3761
2	7.0000	.18000	18.000	478.2	4.163	.2458	.7262	-2.933	-.2476

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/S1
2	7.0000	.20000	19.000	178.7	1.556	.9180-01	.1276	-3.532	-.3610-01
2	8.0000	.83000	46.000	244.2	2.126	.1255	.2586	-3.401	-.7600-01
2	9.0000	.85000	52.000	124.0	1.080	.6380-01	.1840-01	-3.641	-.5000-02
2	10.000	.79000	42.000	308.1	2.682	.1583	.3862	-3.273	-.1180
2	10.000	.79500	43.000	323.1	2.813	.1660	.4162	-3.243	-.1283
2	10.000	.81000	44.000	346.0	3.012	.1778	.4620	-3.197	-.1445
2	10.000	.83000	45.000	238.5	2.076	.1226	.2471	-3.412	-.7240-01
2	10.000	.84000	51.000	107.5	.9363	.5530-01	-.1460-01	-3.674	.4000-02
2	10.000	.86000	53.000	112.2	.9765	.5760-01	-.5400-02	-3.665	.1500-02
2	10.000	.87500	50.000	23.02	.2005	.1180-01	-.1836	-3.843	.4780-01
2	11.000	.85000	54.000	112.3	.9781	.5770-01	-.5000-02	-3.664	.1400-02
2	12.000	.87500	49.000	25.57	.2226	.1310-01	-.1785	-3.838	.4650-01
2	13.000	.83000	47.000	253.5	2.208	.1302	.2772	-3.382	-.8200-01
2	14.000	.83500	48.000	187.5	1.633	.9640-01	.1452	-3.514	-.4130-01
2	15.000	.91000	35.000	89.31	.7776	.4590-01	-.5110-01	-3.711	.1380-01
2	15.000	.99100	41.000	69.71	.6070	.3580-01	-.9020-01	-3.750	.2410-01
2	16.000	.70000	25.000	71.70	.6243	.3690-01	-.8630-01	-3.746	.2300-01
2	16.000	.85000	29.000	124.8	1.086	.6410-01	.1980-01	-3.640	-.5400-02
2	16.000	.99100	40.000	96.50	.8402	.4960-01	-.3670-01	-3.696	.9900-02
2	17.000	.99000	39.000	83.95	.7310	.4320-01	-.6180-01	-3.721	.1660-01
2	18.000	.25000	21.000	164.8	1.435	.8470-01	.9980-01	-3.560	-.2800-01
2	18.000	.50000	23.000	89.15	.7762	.4580-01	-.5140-01	-3.711	.1380-01
2	18.000	.85000	28.000	119.7	1.043	.6150-01	-.9700-02	-3.650	-.2700-02
2	18.000	.98300	38.000	93.16	.8111	.4790-01	-.4340-01	-3.703	.1170-01
2	19.000	.85000	32.000	140.3	1.222	.7210-01	.5090-01	-3.609	-.1410-01
2	20.000	.85000	31.000	105.8	.9213	.5440-01	-.1810-01	-3.678	.4900-02

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.995	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
2	1.0000	.00000	1.0000	950.8	8.363	.4937	1.691	-1.969	-.8585
2	1.0000	.25000-01	2.0000	431.6	3.757	.2218	.6329	-3.027	-.2091
2	1.0000	.75000-01	5.0000	325.3	2.831	.1671	.4205	-3.239	-.1298
2	1.0000	.15000	13.000	477.1	4.153	.2452	.7239	-2.936	-.2466
2	1.0000	.16000	15.000	665.0	5.789	.3417	1.099	-2.560	-.4294
2	1.0000	.18000	16.000	706.6	6.151	.3631	1.183	-2.477	-.4774
2	1.0000	.22000	20.000	79.04	.6880	.4060-01	-.7160-01	-3.731	-.1920-01
2	1.0000	.50000	22.000	125.7	1.094	.6460-01	2.160-01	-3.638	-.5900-02
2	1.0000	.80000	26.000	143.6	1.250	.7380-01	5.730-01	-3.602	-.1590-01
2	2.0000	.00000	1.0000	960.8	8.363	.4937	1.691	-1.969	-.8585
2	2.0000	.25000-01	3.0000	288.8	1.484	.1484	.3475	-3.312	-.1049
2	2.0000	.50000-01	4.0000	212.4	1.849	.1091	.1949	-3.465	-.5630-01
2	2.0000	.75000-01	6.0000	212.2	1.847	.1090	.1944	-3.465	-.5610-01
2	2.0000	.10000*00	11.000	312.5	2.720	.1605	.3949	-3.265	-.1210
2	2.0000	.12500	12.000	220.6	1.921	.1134	.2114	-3.448	-.6130-01
2	2.0000	.15000	14.000	295.3	2.222	.1312	.2806	-3.379	-.8300-01
2	2.0000	.50000	24.000	102.2	.8896	.5250-01	-.2530-01	-3.685	-.6900-02
2	2.0000	.80000	27.000	376.2	3.275	.1933	.5223	-3.137	-.1665
2	2.0000	.85000	30.000	160.8	1.400	.8260-01	9.180-01	-3.568	-.2570-01
2	2.0000	.90000	36.000	52.43	.4564	.2690-01	-.1248	-3.784	-.3300-01
2	2.0000	.95000	37.000	51.72	.4503	.2660-01	-.1262	-3.786	-.3330-01
3	3.0000	.10000*00	10.000	313.1	2.726	.1609	.3962	-3.263	-.1214
2	4.0000	.10000*00	9.0000	344.1	2.995	.1768	.4581	-3.201	-.1431
5	5.0000	.10000*00	8.0000	361.8	3.149	.1859	.4934	-3.166	-.1558
6	6.0000	.10000*00	7.0000	291.8	2.540	.1500	.3537	-3.306	-.1070
7	7.0000	.17000	17.000	735.0	6.398	.3777	1.239	-2.420	-.5121
7	7.0000	.18000	18.000	568.4	4.948	.2921	.9063	-2.753	-.3292

IHI1 INTEGRATED VEHICLE PRESSURE DATA

(RG1802)

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	PI/PO	CP(I)	CP(SI)	CP1/SI
2	7.000	.2000	19.000	210.7	1.834	.1083	.1915	-3.468	-.5520-01
2	8.000	.8300	46.000	275.6	2.399	.1416	.3211	-3.338	-.9620-01
2	9.000	.8500	52.000	143.9	1.253	.7390-01	.5800-01	-3.602	-.1610-01
2	10.000	.7900	42.000	354.1	3.083	.1820	.4781	-3.181	-.1503
2	10.000	.7950	43.000	367.9	3.202	.1890	.5056	-3.154	-.1603
2	10.000	.8100	44.000	386.8	3.367	.1988	.5434	-3.116	-.1744
2	10.000	.8300	45.000	270.8	2.357	.1391	.3115	-3.348	-.9300-01
2	10.000	.8400	51.000	129.4	1.126	.6650-01	.2900-01	-3.631	-.8000-02
2	10.000	.8600	53.000	127.0	1.106	.6530-01	.2430-01	-3.635	-.6700-02
2	10.000	.8750	50.000	22.03	.1918	.1130-01	.1856	-3.845	.4830-01
2	11.000	.8500	54.000	125.4	1.091	.6440-01	.2090-01	-3.639	-.5800-02
2	12.000	.8750	49.000	25.42	.2213	.1310-01	.1788	-3.838	.4660-01
2	13.000	.8300	47.000	280.9	2.445	.1444	.3319	-3.328	-.9970-01
2	14.000	.8350	48.000	179.7	1.564	.9230-01	.1295	-3.530	-.3670-01
2	15.000	.9100	35.000	89.72	.7810	.4610-01	.5030-01	-3.710	.1360-01
2	15.000	.9910	41.000	68.74	.5984	.3530-01	.9220-01	-3.752	.2460-01
2	16.000	.7000	25.000	98.35	.8961	.5050-01	.3300-01	-3.693	.8900-02
2	16.000	.8500	29.000	140.3	1.221	.7210-01	.5070-01	-3.609	-.1410-01
2	16.000	.9910	40.000	126.4	1.100	.6490-01	.2300-01	-3.637	-.6300-02
2	17.000	.9900	39.000	109.1	.9493	.5600-01	.1160-01	-3.671	.3200-02
2	18.000	.2500	21.000	188.5	1.641	.9690-01	.1472	-3.512	-.4190-01
2	18.000	.5000	23.000	114.8	.9996	.5900-01	.1000-03	-3.660	.0000
2	18.000	.8500	28.000	152.7	1.329	.7850-01	.7550-01	-3.584	-.2110-01
2	18.000	.9830	38.000	111.6	.9716	.5740-01	.6500-02	-3.666	.1800-02
2	19.000	.8500	32.000	153.8	1.338	.7900-01	.7770-01	-3.582	-.2170-01
2	20.000	.8500	31.000	121.8	1.060	.6260-01	.1390-01	-3.646	-.3800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
8	1.0000	.00000	1.0000	632.2	9.314	.2577	1.329	-4.290	-.3098
8	1.0000	.25000-01	2.0000	770.5	11.35	.3140	1.655	-3.964	-.4175
8	1.0000	.75000-01	5.0000	147.8	2.177	.6020-01	1.882	-5.431	-.3470-01
8	1.0000	.15000	13.000	177.1	2.610	.7220-01	.2574	-5.362	-.4800-01
8	1.0000	.16000	15.000	329.8	4.859	.1344	.6169	-5.002	-.1233
8	1.0000	.18000	16.000	417.7	6.153	.1702	.8239	-4.795	-.1718
8	1.0000	.22000	20.000	36.92	.5439	.1500-01	-.7290-01	-5.692	.1280-01
8	1.0000	.50000	22.000	53.88	.7938	.2200-01	-.3300-01	-5.652	.5800-02
8	1.0000	.80000	26.000	55.13	.8123	.2250-01	-.3000-01	-5.649	.5300-02
8	2.0000	.00000	1.0000	632.2	9.314	.2577	1.329	-4.290	-.3098
8	2.0000	.25000-01	3.0000	159.4	2.349	.6500-01	.2156	-5.404	-.3990-01
8	2.0000	.50000-01	4.0000	262.9	3.873	.1071	.4593	-5.160	-.8900-01
8	2.0000	.75000-01	6.0000	225.6	3.324	.3880-01	.3715	-5.248	-.7080-01
8	2.0000	.10000*00	11.000	95.26	1.403	.9190-01	.6450-01	-5.555	-.1160-01
8	2.0000	.12500	12.000	25.45	.3750	.1040-01	-.9990-01	-5.719	-.1750-01
8	2.0000	.15000	14.000	79.79	1.176	.3250-01	.2810-01	-5.591	-.5000-02
8	2.0000	.50000	24.000	58.74	.8655	.2390-01	-.2150-01	-5.641	.3800-02
8	2.0000	.80000	27.000	197.2	2.906	.8040-01	.3047	-5.314	-.5730-01
8	2.0000	.85000	30.000	84.42	1.244	.3440-01	.3900-01	-5.580	-.7000-02
8	2.0000	.90000	36.000	26.94	.3970	.1100-01	-.9640-01	-5.715	.1690-01
8	3.0000	.95000	37.000	42.57	.6272	.1740-01	-.5960-01	-5.679	.1050-01
8	4.0000	.10000*00	10.000	103.5	1.525	.4220-01	.8390-01	-5.535	-.1520-01
8	4.0000	.10000*00	9.0000	135.5	1.997	.5520-01	.1594	-5.460	-.2920-01
8	5.0000	.10000*00	8.0000	154.0	2.269	.6280-01	.2028	-5.416	-.3740-01
8	6.0000	.10000*00	7.0000	186.8	2.752	.7610-01	.2801	-5.339	-.5250-01
8	7.0000	.17000	17.000	397.7	5.859	.1621	.7769	-4.842	-.1604
8	7.0000	.18000	18.000	302.6	4.459	.1233	.5529	-5.066	-.1091

IH11 INTEGRATED VEHICLE PRESSURE DATA

(R61802)

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
8	7.0000	.20000	19.000	109.1	1.607	.4450-01	.9700-01	-5.522	-.1760-01
8	8.0000	.83000	46.000	157.6	2.321	.6420-01	.2112	-5.408	-.3910-01
8	9.0000	.85000	52.000	68.63	1.011	.2800-01	.1800-02	-5.617	-.3000-03
8	10.0000	.79500	42.000	202.9	2.989	.8270-01	.3180	-5.301	-.6000-01
8	10.0000	.79500	43.000	215.0	3.168	.8760-01	.3465	-5.272	-.6570-01
8	10.0000	.81000	44.000	229.4	3.380	.9350-01	.3804	-5.239	-.7260-01
8	10.0000	.83000	45.000	138.7	2.043	.5650-01	.1667	-5.452	-.3060-01
8	10.0000	.84000	51.000	55.85	.8228	.2280-01	-.2830-01	-5.647	.5000-02
8	10.0000	.86000	53.000	64.31	.9475	.2620-01	-.8400-02	-5.627	.1500-02
8	10.0000	.87500	50.000	17.68	.2605	.7200-02	-.1182	-5.737	.2060-01
8	11.0000	.85000	54.000	64.31	.9475	.2620-01	-.8400-02	-5.627	.1500-02
8	12.0000	.87500	49.000	20.22	.2979	.8200-02	-.1122	-5.731	.1960-01
8	13.0000	.83000	47.000	130.7	1.925	.5330-01	.1479	-5.471	-.2700-01
8	14.0000	.83500	48.000	111.0	1.636	.4530-01	.1016	-5.517	-.1840-01
8	15.0000	.91000	35.000	55.29	.8146	.2250-01	-.2960-01	-5.649	.5200-02
8	15.0000	.99100	41.000	45.32	.6677	.1850-01	-.5310-01	-5.672	.9400-02
8	16.0000	.70000	25.000	31.26	.4606	.1270-01	-.8620-01	-5.705	.1510-01
8	16.0000	.85000	29.000	49.95	.7359	.2040-01	-.4220-01	-5.661	.7500-02
8	16.0000	.99100	40.000	45.70	.6733	.1860-01	-.5220-01	-5.671	.9200-02
8	17.0000	.99000	39.000	45.98	.6774	.1870-01	-.5160-01	-5.671	.9100-02
8	18.0000	.25000	21.000	96.35	1.420	.3930-01	.6710-01	-5.552	-.1210-01
8	18.0000	.50000	23.000	47.59	.7012	.1940-01	-.4780-01	-5.667	.8400-02
8	18.0000	.85000	28.000	66.20	.9754	.2700-01	-.3900-02	-5.623	.7000-03
8	18.0000	.98300	38.000	49.87	.7348	.2030-01	-.4240-01	-5.661	.7500-02
8	19.0000	.85000	32.000	84.34	1.243	.3440-01	.3880-01	-5.580	-.7000-02
8	20.0000	.85000	31.000	67.46	.9939	.2750-01	-.1000-02	-5.620	.2000-03

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	CP(SI)	CP(SI)	TO DEG R
8	2.989	.1397-01	X10 6 1.988	2451.	67.81	424.2	239.6		

TEST DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
8	1.0000	.00000	1.0000	723.2	10.66	.2950	1.545	-4.074	-.3793
8	1.0000	.25000-01	2.0000	753.4	11.11	.3074	1.616	-4.003	-.4038
8	1.0000	.75000-01	5.0000	187.1	2.759	.7630-01	.2812	-5.338	-.5270-01
8	1.0000	.15000	13.000	218.2	3.218	.8900-01	.3545	-5.264	-.6730-01
8	1.0000	.16000	15.000	420.3	6.198	.1715	.8311	-4.788	-.1736
8	1.0000	.18000	16.000	509.4	7.513	.2078	1.041	-4.578	-.2274
8	1.0000	.22000	20.000	45.85	.6762	.1870-01	-.5180-01	-5.671	-.9100-02
8	1.0000	.50000	22.000	62.36	.9196	.2540-01	-.1290-01	-5.632	-.2300-02
8	1.0000	.80000	26.000	99.61	1.469	.4060-01	.7500-01	-5.544	-.1350-01
8	2.0000	.00000	1.0000	723.2	10.66	.2950	1.545	-4.074	-.3793
8	2.0000	.25000-01	3.0000	160.0	2.359	.6530-01	.2173	-5.402	-.4020-01
8	2.0000	.50000-01	4.0000	116.4	1.716	.4750-01	1.144	-5.504	-.2080-01
8	2.0000	.75000-01	6.0000	128.0	1.887	.5220-01	1.418	-5.477	-.2590-01
8	2.0000	.10000+00	11.000	242.4	3.575	.9890-01	4.116	-5.207	-.7900-01
8	2.0000	.12500	12.000	44.67	.6588	.1820-01	-.5450-01	-5.673	-.9600-02
8	2.0000	.15000	14.000	104.6	1.542	.4270-01	.8660-01	-5.532	-.1570-01
8	2.0000	.50000	24.000	70.53	1.040	.2880-01	.6400-02	-5.612	-.1100-02
8	2.0000	.80000	27.000	189.8	2.799	.7740-01	.2877	-5.331	-.5400-01
8	2.0000	.85000	30.000	82.55	1.217	.3370-01	.3480-01	-5.584	-.6200-02
8	2.0000	.90000	36.000	26.52	.3911	.1080-01	-.9730-01	-5.716	-.1700-01
8	3.0000	.95000	37.000	33.91	.5000	.1380-01	-.7990-01	-5.699	-.1400-01
8	3.0000	.10000+00	10.000	240.6	3.548	.9820-01	4.073	-5.211	-.7820-01
8	4.0000	.10000+00	9.0000	239.2	3.527	.9760-01	4.040	-5.215	-.7750-01
8	5.0000	.10000+00	8.0000	177.3	2.615	.7230-01	.2582	-5.361	-.4820-01
8	6.0000	.10000+00	7.0000	128.9	1.901	.5260-01	1.441	-5.475	-.2630-01
8	7.0000	.17000	17.000	494.1	7.287	.2016	1.005	-4.614	-.2178
8	7.0000	.18000	18.000	367.7	5.422	.1500	.7069	-4.912	-.1439

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
8	7.0000	.20000	19.000	131.1	1.934	.5350-01	.1493	-5.470	-.2730-01
8	8.0000	.83000	46.000	164.3	2.423	.6700-01	.2275	-5.391	-.4220-01
8	9.0000	.85000	52.000	67.03	.9885	.2730-01	-.1800-02	-5.621	.3000-03
8	10.000	.79000	42.000	203.0	2.993	.8280-01	.3187	-5.300	-.6010-01
8	10.000	.79500	43.000	214.7	3.167	.8760-01	.3464	-5.272	-.6570-01
8	10.000	.81000	44.000	224.7	3.314	.9170-01	.3699	-5.249	-.7050-01
8	10.000	.83000	45.000	136.6	2.014	.5570-01	.1621	-5.457	-.2970-01
8	10.000	.84000	51.000	58.09	.8566	.2370-01	-.2290-01	-5.642	.4100-02
8	10.000	.86000	53.000	61.76	.9108	.2520-01	-.1430-01	-5.633	.2500-02
8	10.000	.87500	50.000	14.90	.2198	.6100-02	-.1247	-5.744	.2170-01
8	11.000	.85000	54.000	60.72	.8955	.2480-01	-.1670-01	-5.636	.3000-02
8	12.000	.87500	49.000	19.98	.2947	.8200-02	-.1128	-5.732	.1970-01
8	13.000	.83000	47.000	128.9	1.901	.5260-01	.1441	-5.475	-.2630-01
8	14.000	.83500	48.000	104.7	1.544	.4270-01	.8690-01	-5.532	-.1570-01
8	15.000	.91000	35.000	47.97	.7075	.1960-01	-.4680-01	-5.666	.8300-02
8	15.000	.99100	41.000	45.86	.6763	.1870-01	-.5180-01	-5.671	.9100-02
8	16.000	.70000	25.000	40.59	.5985	.1660-01	-.6420-01	-5.683	.1130-01
8	16.000	.85000	29.000	56.85	.8384	.2320-01	-.2580-01	-5.645	.4600-02
8	16.000	.99100	40.000	57.05	.8414	.2330-01	-.2540-01	-5.644	.4500-02
8	17.000	.99000	39.000	49.90	.7359	.2040-01	.4220-01	-5.661	.7500-02
8	18.000	.25000	21.000	78.31	1.155	.3190-01	.2480-01	-5.594	-.4400-02
8	18.000	.50000	23.000	64.64	.9532	.2640-01	-.7500-02	-5.626	.1300-02
8	18.000	.85000	28.000	69.82	1.030	.2850-01	.4700-02	-5.614	-.8000-03
8	18.000	.98300	38.000	54.65	.8060	.2230-01	-.3100-01	-5.650	.5500-02
8	19.000	.85000	32.000	81.22	1.198	.3310-01	.3160-01	-5.587	-.5700-02
8	20.000	.85000	31.000	58.03	.8558	.2370-01	-.2310-01	-5.642	.4100-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
8	1.0000	.0000	1.0000	822.2	12.14	.3358	1.780	-3.838	-.4639
8	1.0000	.25000-01	2.0000	725.2	10.70	.2962	1.551	-4.067	-.3815
8	1.0000	.75000-01	5.0000	241.8	3.569	.9870-01	.4107	-5.208	-.7890-01
8	1.0000	.15000	13.000	288.0	4.251	.1176	.5198	-5.099	-.1019
8	1.0000	.16000	15.000	523.8	7.731	.2139	1.076	-4.542	-.2369
8	1.0000	.18000	16.000	617.0	9.107	.2520	1.296	-4.322	-.2999
8	1.0000	.22000	20.000	58.36	.8615	.2380-01	-.2220-01	-5.641	.3900-02
8	1.0000	.50000	22.000	73.12	1.079	.2990-01	.1270-01	-5.606	-.2300-02
8	1.0000	.80000	26.000	101.5	1.498	.4140-01	.7960-01	-5.539	-.1440-01
8	2.0000	.00000	1.0000	922.2	12.14	.3358	1.780	3.838	-.4639
8	2.0000	.25000-01	3.0000	181.4	2.678	.7410-01	.2682	-5.350	-.5010-01
8	2.0000	.50000-01	4.0000	128.6	1.899	.5250-01	.1437	-5.475	-.2620-01
8	2.0000	.75000-01	6.0000	136.1	2.009	.5560-01	.1613	-5.457	-.2960-01
8	2.0000	.10000+00	11.000	117.9	1.740	.4810-01	.1183	-5.500	-.2150-01
8	2.0000	.12500	12.000	129.0	1.904	.5270-01	.1446	-5.474	-.2640-01
8	2.0000	.15000	14.000	207.8	3.068	.8490-01	.3306	-5.288	-.6250-01
8	2.0000	.50000	24.000	80.81	1.193	.3300-01	.3080-01	-5.588	-.5500-02
8	2.0000	.80000	27.000	216.8	3.200	.8850-01	.3518	-5.267	-.6680-01
8	2.0000	.90000	30.000	90.94	1.342	.3710-01	.5470-01	-5.564	-.9800-02
8	2.0000	.95000	36.000	31.51	.4651	.1290-01	-.8550-01	-5.704	-.1500-01
8	2.0000	.99000	37.000	26.25	.7875	.1070-01	-.9790-01	-5.716	-.1710-01
8	3.0000	.10000+00	10.000	118.3	1.746	.4830-01	.1192	-5.499	-.2170-01
8	4.0000	.10000+00	9.0000	136.1	2.009	.5560-01	.1613	-5.457	-.2960-01
8	5.0000	.10000+00	8.0000	134.8	1.990	.5510-01	.1583	-5.460	-.2900-01
8	6.0000	.10000+00	7.0000	136.6	2.016	.5580-01	.1624	-5.456	-.2980-01
8	7.0000	.17000	17.000	606.5	8.953	.2477	1.272	-4.347	-.2925
8	7.0000	.18000	18.000	448.5	6.620	.1832	.8985	-4.720	-.1904

I111 INTEGRATED VEHICLE PRESSURE DATA
 I111, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
8	7.0000	.20000	19.000	160.7	2.373	.6560-01	.2195	-5.399	-.4060-01
8	8.0000	.83000	46.000	187.9	2.774	.7680-01	.2836	-5.335	-.5320-01
8	9.0000	.85000	52.000	61.03	.9008	.2490-01	-.1590-01	-5.634	.2800-02
8	10.000	.79500	42.000	241.0	3.557	.9840-01	.4088	-5.210	-.7850-01
8	10.000	.81000	43.000	258.7	3.819	.1057	.4507	-5.168	-.8720-01
8	10.000	.83000	44.000	279.6	4.127	.1142	.4999	-5.119	-.9770-01
8	10.000	.84000	45.000	94.49	1.395	.3860-01	.6310-01	-5.555	-.1140-01
8	10.000	.85000	51.000	63.28	.9341	.2580-01	-.1050-01	-5.629	.1900-02
8	10.000	.86000	53.000	63.28	.9341	.2580-01	-.1050-01	-5.629	.1900-02
8	10.000	.87500	50.000	14.87	.2195	.6100-02	-.1248	-5.743	.2170-01
8	11.000	.85000	54.000	58.02	.8564	.2370-01	-.2300-01	-5.641	.4100-02
8	12.000	.87500	49.000	19.48	.2875	.8000-02	-.1139	-5.732	.1990-01
8	13.000	.83500	47.000	158.0	2.333	.6450-01	.2131	-5.405	-.3940-01
8	14.000	.83500	48.000	119.3	1.761	.4870-01	.1217	-5.497	-.2210-01
8	15.000	.91000	35.000	50.59	.7467	.2070-01	-.4050-01	-5.659	.7200-02
8	15.000	.99100	41.000	45.71	.6747	.1870-01	-.5200-01	-5.670	.9200-02
8	16.000	.70000	25.000	56.00	.8267	.2290-01	-.2770-01	-5.646	.4900-02
8	16.000	.85000	29.000	65.50	.9669	.2680-01	-.5300-02	-5.624	.9000-03
8	16.000	.99100	40.000	79.64	1.176	.2250-01	.2810-01	-5.590	-.5000-02
8	17.000	.99000	39.000	66.29	.9785	.2710-01	-.3400-02	-5.622	.6000-03
8	18.000	.25000	21.000	81.36	1.201	.3320-01	.3210-01	-5.586	-.5800-02
8	18.000	.50000	23.000	81.83	1.208	.3340-01	.3320-01	-5.585	-.6000-02
8	18.000	.85000	28.000	86.78	1.281	.3540-01	.4490-01	-5.574	-.8100-02
8	18.000	.98300	38.000	77.44	1.143	.3160-01	.2290-01	-5.596	-.4100-02
8	19.000	.85000	32.000	89.14	1.316	.3640-01	.5050-01	-5.568	-.9100-02
8	20.000	.85000	31.000	67.86	1.002	.2770-01	.3000-03	-5.618	.0000

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
5	1.0000	.0000	1.0000	595.4	13.25	.1712	1.420	-7.439	-.1909
5	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
5	1.0000	.75000-01	5.0000	118.4	2.634	.3400-01	.1894	-8.670	-.2180-01
5	1.0000	.15000	13.000	127.2	2.832	.7560-01	.2123	-8.647	-.2460-01
5	1.0000	.16000	15.000	274.9	6.119	.300-01	.5933	-8.266	-.7180-01
5	1.0000	.18000	16.000	372.6	8.294	.1071	.8455	-8.014	-.1055
5	1.0000	.22000	20.000	31.23	.6950	.9000-02	-.3540-01	-8.895	.4000-02
5	1.0000	.50000	22.000	35.63	.7930	.1020-01	-.2400-01	-8.883	.2700-02
5	1.0000	.80000	26.000	43.81	.9750	.1260-01	-.2900-02	-8.862	.3000-03
5	2.0000	.00000	1.0000	595.4	13.25	.1712	1.420	-7.439	-.1909
5	2.0000	.25000-01	3.0000	117.0	2.604	.3360-01	.1860	-8.673	-.2140-01
5	2.0000	.50000-01	4.0000	119.4	2.657	.3430-01	.1921	-8.667	-.2220-01
5	2.0000	.75000-01	6.0000	203.4	4.526	.5850-01	.4087	-8.450	-.4840-01
5	2.0000	.10000+00	11.000	92.16	2.051	.2650-01	.1219	-8.737	-.1390-01
5	2.0000	.12500	12.000	25.17	.5602	.7200-02	-.5100-01	-8.910	.5700-02
5	2.0000	.15000	14.000	66.37	1.477	.1910-01	.5530-01	-8.804	-.6300-02
5	2.0000	.50000	24.000	49.70	1.106	.1430-01	.1230-01	-8.847	-.1400-02
5	2.0000	.80000	27.000	121.2	2.697	.3480-01	.1967	-8.662	-.2270-01
5	2.0000	.85000	30.000	60.08	1.337	.1730-01	.3910-01	-8.820	-.4400-02
5	2.0000	.90000	36.000	21.71	.4832	.6200-02	-.5990-01	-8.919	.6700-02
5	2.0000	.95000	37.000	29.57	.6583	.8500-02	-.3960-01	-8.899	.4500-02
5	3.0000	.10000+00	10.000	95.07	2.116	.2730-01	.1294	-8.730	-.1480-01
5	4.0000	.10000+00	9.0000	128.3	2.856	.3690-01	.2152	-8.644	-.2490-01
5	5.0000	.10000+00	8.0000	142.0	3.161	.4080-01	.2505	-8.609	-.2910-01
5	6.0000	.10000+00	7.0000	165.1	3.676	.4750-01	.3101	-8.549	-.3630-01
5	7.0000	.17000	17.000	341.6	7.603	.9820-01	.7654	-8.094	-.9450-01
5	7.0000	.18000	18.000	251.5	5.599	.7230-01	.5331	-8.326	-.6400-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CPI/SI
5	7.0000	.20000	19.000	89.10	1.983	.2560-01	.1140	-8.745	-.1300-01
5	8.0000	.83000	46.000	112.8	2.510	.3240-01	.1750	-8.684	-.2020-01
5	9.0000	.85000	52.000	45.03	1.002	.1290-01	.3000-03	-8.859	.0000
5	10.000	.79000	42.000	137.8	3.067	.3960-01	.2396	-8.620	-.2780-01
5	10.000	.79500	43.000	151.2	3.364	.4350-01	.2741	-8.585	-.3190-01
5	10.000	.81000	44.000	161.0	3.584	.4630-01	.2996	-8.560	-.3500-01
5	10.000	.83000	45.000	98.19	2.185	.2820-01	.1374	-8.722	-.1580-01
5	10.000	.84000	51.000	33.74	.7509	.9700-02	-.2890-01	-8.888	.3200-02
5	10.000	.86000	53.000	41.45	.9227	.1190-01	-.9000-02	-8.868	.1000-02
5	10.000	.87500	50.000	15.39	.3426	.4400-02	-.7620-01	-8.935	.8500-02
5	11.000	.85000	54.000	41.55	.9247	.1190-01	-.8700-02	-8.868	.1000-02
5	12.000	.87500	49.000	19.44	.4326	.5600-02	-.6580-01	-8.925	.7400-02
5	13.000	.83000	47.000	80.40	1.790	.2310-01	.9150-01	-8.768	-.1040-01
5	14.000	.83500	48.000	60.18	1.339	.1730-01	.3930-01	-8.820	-.4500-02
5	15.000	.91000	35.000	36.26	.8070	.1040-01	-.2240-01	-8.882	.2500-02
5	15.000	.99100	41.000	34.77	.7740	.1000-01	.2620-01	-8.885	.2900-02
5	16.000	.70000	25.000	26.04	.5795	.7500-02	-.4870-01	-8.908	.5500-02
5	16.000	.85000	29.000	26.04	.5795	.7500-02	-.4870-01	-8.908	.5500-02
5	16.000	.99100	40.000	29.50	.6567	.9500-02	-.3980-01	-8.899	.4500-02
5	17.000	.99000	39.000	37.60	.8368	.1080-01	-.1890-01	-8.878	.2100-02
5	18.000	.25000	21.000	54.34	1.209	.1560-01	.2430-01	-8.835	-.2700-02
5	18.000	.50000	23.000	37.59	.8368	.1080-01	-.1890-01	-8.878	.2100-02
5	18.000	.85000	28.000	44.75	.9960	.1290-01	-.5000-03	-8.860	.1000-03
5	18.000	.98300	38.000	35.39	.7878	.1020-01	-.2460-01	-8.884	.2800-02
5	19.000	.85000	32.000	59.53	1.325	.1710-01	.3770-01	-8.821	-.4300-02
5	20.000	.85000	31.000	44.83	.9978	.1290-01	-.3000-03	-8.859	.0000

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	RO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(S1)	CP1/S1
5	1.0000	.00000	1.0000	701.0	15.60	.2016	1.693	-7.165	-.2363
5	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
5	1.0000	.75000-01	5.0000	159.5	3.549	.4580-01	.2955	-8.562	-.3450-01
5	1.0000	.15000	13.000	169.8	3.780	.4880-01	.3222	-8.535	-.3780-01
5	1.0000	.16000	15.000	365.0	8.123	.1049	.8258	-8.032	-.1028
5	1.0000	.18000	16.000	475.3	10.58	.1367	1.110	-7.747	-.1433
5	1.0000	.22000	20.000	41.10	.9147	.1180-01	-.9900-02	-8.867	.1100-02
5	1.0000	.50000	22.000	42.12	.9375	.1210-01	-.7300-02	-8.865	.8000-03
5	1.0000	.80000	26.000	79.16	1.762	.2280-01	.8830-01	-8.769	-.1010-01
5	2.0000	.00000	1.0000	701.0	15.60	.2016	1.693	-7.165	-.2363
5	2.0000	.25000-01	3.0000	135.9	3.024	.3910-01	.2346	-8.623	-.2720-01
5	2.0000	.50000-01	4.0000	106.9	2.380	.3070-01	.1599	-8.698	-.1840-01
5	2.0000	.75000-01	6.0000	99.37	2.211	.2860-01	.1464	-8.717	-.1610-01
5	2.0000	.10000+00	11.000	100.1	2.227	.2880-01	.1423	-8.715	-.1630-01
5	2.0000	.12500	12.000	37.33	.8307	.1070-01	-.1960-01	-8.877	.2200-02
5	2.0000	.15000	14.000	84.35	1.877	.2430-01	.1017	-8.756	-.1160-01
5	2.0000	.50000	24.000	58.72	1.307	.1690-01	.3560-01	-8.822	-.4000-02
5	2.0000	.80000	27.000	117.2	2.609	.3370-01	.1865	-8.671	-.2150-01
5	2.0000	.85000	30.000	70.12	1.560	.2020-01	.6500-01	-8.793	-.7400-02
5	2.0000	.90000	36.000	26.87	.5979	.7700-02	.4660-01	-8.904	.5200-02
5	2.0000	.95000	37.000	21.60	.4807	.6200-02	-.6020-01	-8.918	.6800-02
5	3.0000	.10000+00	10.000	96.86	2.155	.2780-01	.1340	-8.724	-.1540-01
5	4.0000	.10000+00	9.0000	98.74	2.197	.2840-01	.1388	-8.719	-.1590-01
5	5.0000	.10000+00	8.0000	98.82	2.199	.2840-01	.1390	-8.719	-.1590-01
5	6.0000	.10000+00	7.0000	98.90	2.201	.2840-01	.1392	-8.718	-.1600-01
5	7.0000	.17000	17.000	448.3	9.977	.1289	1.041	-7.817	-.1331
5	7.0000	.18000	18.000	324.8	7.229	.9340-01	.7221	-8.135	-.8880-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
5	7.000	.20000	19.000	110.9	2.469	.3190-01	.1703	-8.687	-.1960-01
5	8.000	.83000	46.000	113.6	2.529	.3270-01	.1772	-8.680	-.2040-01
5	9.000	.85000	52.000	61.67	1.372	.1770-01	.4320-01	-8.814	-.4900-02
5	10.000	.79000	42.000	96.68	2.152	.2780-01	.1335	-8.724	-.1530-01
5	10.000	.79500	43.000	99.69	2.219	.2870-01	.1413	-8.716	-.1620-01
5	10.000	.81000	44.000	108.4	2.411	.3120-01	.1636	-8.694	-.1880-01
5	10.000	.83000	45.000	102.1	2.271	.2930-01	.1473	-8.710	-.1690-01
5	10.000	.84000	51.000	49.81	1.108	.1430-01	.1260-01	-8.845	-.1400-02
5	10.000	.86000	53.000	54.23	1.207	.1560-01	.2400-01	-8.834	-.2700-02
5	10.000	.87500	50.000	15.07	.3355	.4300-02	.7700-01	-8.935	-.8600-02
5	11.000	.85000	54.000	51.97	1.157	.1490-01	.1820-01	-8.839	-.2100-02
5	12.000	.87500	49.000	21.47	.4779	.6200-02	.6050-01	-8.918	-.6800-02
5	13.000	.83000	47.000	99.60	2.217	.2860-01	.1410	-8.717	-.1620-01
5	14.000	.83500	48.000	87.17	1.940	.2510-01	.1090	-8.749	-.1250-01
5	15.000	.91000	35.000	41.89	.9322	.1200-01	.7900-02	-8.865	-.9000-03
5	16.000	.70000	41.000	32.39	.7209	.9300-02	.3240-01	-8.890	-.3600-02
5	16.000	.85000	29.000	34.02	.7572	.9800-02	.2810-01	-6.886	-.3200-02
5	16.000	.99100	40.000	36.35	.8089	.1040-01	.2220-01	-8.880	-.2500-02
5	17.000	.99000	39.000	40.39	.8990	.1160-01	.1170-01	-8.869	-.1300-02
5	18.000	.25000	21.000	50.22	1.118	.1440-01	.1360-01	-8.844	-.1500-02
5	18.000	.50000	23.000	49.59	1.104	.1430-01	.1200-01	-8.846	-.1400-02
5	18.000	.85000	28.000	56.20	1.251	.1620-01	.2910-01	-8.829	-.3300-02
5	18.000	.98300	38.000	36.85	.8202	.1060-01	.2080-01	-8.878	-.2300-02
5	19.000	.85000	32.000	69.33	1.543	.1990-01	.6290-01	-8.795	-.7200-02
5	20.000	.85000	31.000	49.83	1.109	.1430-01	.1260-01	-8.845	-.1400-02

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
5	1.0000	.0000	1.0000	823.1	18.32	.2366	2.007	-6.850	-.2931
5	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
5	1.0000	.75000-01	5.0000	215.2	4.790	.6190-01	4394	-6.418	-.5220-01
5	1.0000	.15000	13.000	235.1	5.233	.6760-01	4907	-8.367	-.5860-01
5	1.0000	.16000	15.000	488.1	10.86	.1403	1.143	-7.715	-.1482
5	1.0000	.18000	16.000	608.2	13.53	.1749	1.453	-7.405	-.1963
5	1.0000	.22000	20.000	52.58	1.170	.1510-01	.1970-01	-8.838	-.2200-02
5	1.0000	.50000	22.000	52.89	1.177	.1520-01	.2050-01	-8.837	-.2300-02
5	1.0000	.80000	26.000	96.71	2.152	.2780-01	.1336	-8.724	-.1530-01
5	2.0000	.00000	1.0000	823.1	18.32	.2366	2.007	-6.850	-.2931
5	2.0000	.25000-01	3.0000	155.4	3.458	.4470-01	.2849	-8.573	-.3320-01
5	2.0000	.50000-01	4.0000	121.2	2.698	.3490-01	.1969	-8.661	-.2270-01
5	2.0000	.75000-01	6.0000	108.4	2.413	.3120-01	.1638	-8.694	-.1880-01
5	2.0000	1.0000*00	11.000	101.8	2.266	.2930-01	.1467	-8.711	-.1680-01
5	2.0000	.12500	12.000	84.75	1.886	.2440-01	.1027	-8.755	-.1170-01
5	2.0000	.15000	14.000	130.5	2.903	.3750-01	.2206	-8.637	-.2550-01
5	2.0000	.50000	24.000	68.15	1.517	.1960-01	.5990-01	-8.798	-.6800-02
5	2.0000	.80000	27.000	173.4	3.859	.4980-01	.3314	-8.526	-.3890-01
5	2.0000	.85000	30.000	75.47	1.679	.2170-01	.7880-01	-8.779	-.9000-02
5	2.0000	.90000	36.000	25.52	.5679	.7300-02	.5010-01	-8.908	-.5600-02
5	2.0000	.95000	37.000	24.73	.5504	.7100-02	.5210-01	-8.910	-.5800-02
5	3.0000	1.0000*00	10.000	100.1	2.227	.2880-01	.1423	-8.715	-.1630-01
5	4.0000	1.0000*00	9.0000	103.7	2.308	.2980-01	.1516	-8.706	-.1740-01
5	5.0000	1.0000*00	8.0000	108.4	2.411	.3110-01	.1636	-8.694	-.1880-01
5	6.0000	1.0000*00	7.0000	108.8	2.422	.3130-01	.1648	-8.693	-.1900-01
5	7.0000	.17000	17.000	584.4	13.00	.1680	1.392	-7.466	-.1864
5	7.0000	.18000	18.000	418.3	9.309	.1203	.9633	-7.894	-.1220

IHI1 INTEGRATED VEHICLE PRESSURE DATA

(RG1802)

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
5	2.0000	.20000	19.000	143.5	3.194	.4130-01	.2543	-8.604	-.2960-01
5	2.0000	.83000	46.000	151.6	3.373	.4360-01	.2751	-9.583	-.3210-01
5	9.0000	.85000	52.000	51.79	1.153	.1490-01	.1770-01	-8.840	-.2000-02
5	10.000	.79500	42.000	172.1	3.830	.4950-01	.3280	-8.530	-.3850-01
5	10.000	.79500	43.000	188.4	4.192	.5420-01	.3701	-8.488	-.4360-01
5	10.000	.81000	44.000	199.2	4.433	.5730-01	.3980	-8.460	-.4700-01
5	10.000	.83000	45.000	83.52	1.859	.2400-01	.9950-01	-8.758	-.1140-01
5	10.000	.84000	51.000	46.62	1.037	.1340-01	.4300-02	-8.853	-.5000-03
5	10.000	.86000	53.000	49.44	1.100	.1420-01	.1160-01	-8.846	-.1300-02
5	10.000	.87500	50.000	13.11	.2916	.3800-02	-.8210-01	-8.940	-.9200-02
5	11.000	.85000	54.000	45.77	1.019	.1320-01	.2100-02	-8.856	-.2000-03
5	12.000	.87500	49.000	18.00	.4006	.5200-02	-.6950-01	-8.927	-.7800-02
5	13.000	.83000	47.000	114.9	2.556	.3300-01	.1804	-8.677	-.2080-01
5	14.000	.83500	48.000	67.51	1.502	.1940-01	.5820-01	-8.799	-.6600-02
5	15.000	.91000	35.000	36.45	.8112	.1050-01	-.2190-01	-8.880	-.2500-02
5	15.000	.99100	41.000	31.18	.6938	.9000-02	-.3550-01	-8.893	-.4000-02
5	16.000	.70000	25.000	42.28	.9408	.1220-01	-.6900-02	-8.865	-.8000-03
5	16.000	.85000	29.000	42.35	.9425	.1220-01	-.6700-02	-8.864	-.8000-03
5	16.000	.99100	40.000	51.42	1.144	.1480-01	.1670-01	-8.841	-.1900-02
5	17.000	.99000	39.000	47.84	1.065	.1380-01	.7500-02	-8.850	-.8000-03
5	18.000	.25000	21.000	61.94	1.378	.1780-01	.4390-01	-8.814	-.5000-02
5	18.000	.50000	23.000	63.36	1.410	.1820-01	.4750-01	-8.810	-.5400-02
5	18.000	.85000	28.000	63.99	1.424	.1840-01	.4910-01	-8.809	-.5600-02
5	18.000	.98300	38.000	53.84	1.198	.1550-01	.2300-01	-8.835	-.2600-02
5	19.000	.85000	32.000	72.32	1.609	.2080-01	.7060-01	-8.787	-.8000-02
5	20.000	.85000	31.000	49.98	1.112	.1440-01	.1300-01	-8.845	-.1500-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
1	1.0000	.0000	1.0000	981.8	8.552	.5045	1.733	-1.927	-.8993
1	1.0000	.25000-01	2.0000	438.0	3.815	.2251	.6461	-3.015	-.2143
1	1.0000	.75000-01	5.0000	325.5	2.835	.1672	.4211	-3.240	-.1300
1	1.0000	.15000	13.000	465.6	4.055	.2392	.7012	-2.960	-.2369
1	1.0000	.16000	15.000	636.1	5.540	.3269	1.042	-2.619	-.3979
1	1.0000	.18000	16.000	704.5	6.137	.3620	1.179	-2.482	-.4750
1	1.0000	.22000	20.000	87.92	.7658	.4520-01	-.5370-01	-3.715	.1450-01
1	1.0000	.50000	22.000	129.2	1.125	.6640-01	.2880-01	-3.632	-.7900-02
1	1.0000	.80000	26.000	203.5	1.773	.1046	.1774	-3.483	-.5090-01
1	2.0000	.00000	1.0000	981.8	8.552	.5045	1.733	-1.927	-.8993
1	2.0000	.25000-01	3.0000	281.9	2.455	.1449	.3340	-3.327	-.1004
1	2.0000	.50000-01	4.0000	180.4	1.571	.9270-01	.1311	-3.530	-.3710-01
1	2.0000	.75000-01	6.0000	182.5	1.590	.9380-01	.1353	-3.525	-.3840-01
1	2.0000	.10000+00	11.000	336.3	2.929	.1728	.4428	-3.218	-.1376
1	2.0000	.12500	12.000	262.1	2.283	.1347	.2945	-3.366	-.8750-01
1	2.0000	.15000	14.000	166.6	1.452	.8560-01	.1036	-3.557	-.2910-01
1	2.0000	.50000	24.000	97.65	.8506	.5020-01	-.3430-01	-3.695	-.9300-02
1	2.0000	.80000	27.000	363.1	3.162	.1866	.4963	-3.164	-.1568
1	2.0000	.85000	30.000	165.4	1.441	.8500-01	.1011	-3.560	-.2840-01
1	2.0000	.90000	36.000	42.39	.3692	.2180-01	-.1448	-3.806	-.3800-01
1	2.0000	.95000	37.000	44.98	.3918	.2310-01	-.1395	-3.800	-.3670-01
1	3.0000	.10000+00	10.000	322.2	2.806	.1655	.4145	-3.246	-.1277
1	4.0000	.10000+00	9.0000	321.1	2.796	.1650	.4123	-3.248	-.1269
1	5.0000	.10000+00	8.0000	284.1	2.475	.1460	.384	-3.322	-.1019
1	6.0000	.10000+00	7.0000	205.0	1.785	.1053	.1802	-3.481	-.5180-01
1	7.0000	.17000	17.000	693.2	6.038	.3562	1.156	-2.505	-.4617
1	7.0000	.18000	18.000	486.8	4.241	.2502	.7437	-2.917	-.2550

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1803)

IH11. MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
1	7.0000	.20000	19.000	174.3	1.518	.8960-01	.1189	-3.542	-.3360-01
1	8.0000	.83000	46.000	389.7	3.394	.2003	.5496	-3.111	-.1766
1	9.0000	.85000	52.000	114.4	.9966	.5880-01	-.8000-03	-3.662	.2000-03
1	10.000	.79000	42.000	415.8	3.622	.2137	.6017	-3.059	-.1967
1	10.000	.79500	43.000	485.1	4.225	.2493	.7403	-2.921	-.2535
1	10.000	.81000	44.000	542.6	4.726	.2788	.8551	-2.806	-.3048
1	10.000	.83000	45.000	306.9	2.673	.1577	.3841	-3.277	-.1172
1	10.000	.84000	51.000	112.5	.9802	.5780-01	-.4500-02	-3.665	.1200-02
1	10.000	.86000	53.000	111.3	.9696	.5720-01	-.7000-02	-3.668	.1900-02
1	10.000	.87500	50.000	19.39	.1689	.1000-01	.1907	-3.852	.4950-01
1	11.000	.85000	54.000	113.9	.9925	.5860-01	-.1700-02	-3.662	.5000-03
1	12.000	.87500	49.000	22.50	.1960	.1160-01	-.1845	-3.845	.4800-01
1	13.000	.83000	47.000	236.7	2.061	.1216	.2436	-3.417	-.7130-01
1	14.000	.83500	48.000	106.5	.9277	.5470-01	-.1660-01	-3.677	.4500-02
1	15.000	.91000	35.000	65.08	.5668	.3340-01	.9940-01	-3.760	.2640-01
1	15.000	.99100	41.000	73.55	.6406	.3780-01	-.8250-01	-3.743	.2200-01
1	16.000	.70000	25.000	101.5	.8841	.5220-01	-.2660-01	-3.687	.7200-02
1	16.000	.85000	29.000	118.1	1.029	.6070-01	.6700-02	-3.654	-.1800-02
1	16.000	.99100	40.000	125.9	1.097	.6470-01	.2220-01	-3.639	-.6100-02
1	17.000	.99000	39.000	105.2	.9162	.6410-01	-.1920-01	-3.680	.5200-02
1	18.000	.25000	21.000	127.9	1.115	.6580-01	.2630-01	-3.634	-.7200-02
1	18.000	.50000	23.000	109.1	.9504	.5610-01	-.1140-01	-3.672	.3100-02
1	18.000	.85000	28.000	160.2	1.396	.8230-01	.9080-01	-3.570	-.2540-01
1	18.000	.98300	38.000	93.02	.8103	.4780-01	-.4350-01	-3.704	-.1180-01
1	19.000	.85000	32.000	184.9	1.611	.9500-01	.1402	-3.521	-.3980-01
1	20.000	.85000	31.000	68.45	.5962	.3520-01	-.9270-01	-3.753	.2470-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA * 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
1	2.494	-1.193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
1	1.0000	.00000	1.0000	866.0	7.540	.4452	1.502	-2.158	-.6960
1	1.0000	.25000-01	2.0000	356.4	3.104	.1832	.4830	-3.176	-.1521
1	1.0000	.75000-01	5.0000	262.3	2.285	.1349	.2949	-3.364	-.8770-01
1	1.0000	.15000	13.000	353.5	3.078	.1817	.4770	-3.182	-.1499
1	1.0000	.16000	15.000	534.1	4.650	.2746	.8381	-2.821	-.2971
1	1.0000	.18000	16.000	598.5	5.211	.3077	.9670	-2.692	-.3592
1	1.0000	.22000	20.000	68.61	.5975	.3530-01	-.9240-01	-3.752	-.2460-01
1	1.0000	.50000	22.000	97.85	.8521	.5030-01	-.3400-01	-3.693	-.9200-02
1	1.0000	.80000	26.000	175.8	1.531	.9040-01	1.219	-3.537	-.3450-01
1	2.0000	.00000	1.0000	866.0	7.540	.4452	1.502	-2.158	-.6960
1	2.0000	.25000-01	3.0000	264.9	2.306	.1362	.2999	-3.359	-.8930-01
1	2.0000	.50000-01	4.0000	191.1	1.664	.9820-01	1.524	-3.507	-.4350-01
1	2.0000	.75000-01	6.0000	377.8	3.290	.1942	.5257	-3.134	-.1578
1	2.0000	.10000+00	11.000	274.4	2.389	.1411	.3190	-3.340	-.9550-01
1	2.0000	.12500	12.000	168.0	1.463	.8630-01	1.062	-3.553	-.2990-01
1	2.0000	.15000	14.000	164.6	1.433	.8460-01	.9940-01	-3.560	-.2790-01
1	2.0000	.50000	24.000	86.46	.7528	.4440-01	-.5580-01	-3.716	-.1530-01
1	2.0000	.85000	27.000	364.9	3.178	.1876	.5000	-3.159	-.1583
1	2.0000	.10000+00	30.000	172.6	1.503	.8870-01	1.155	-3.544	-.3260-01
1	2.0000	.90000	36.000	37.96	.3306	.1950-01	-.1537	-3.813	-.4030-01
1	3.0000	.95000	37.000	55.73	.4852	.2860-01	-.1182	-3.778	-.3130-01
1	3.0000	.10000+00	10.000	252.1	2.195	.1296	.2743	-3.385	-.8100-01
1	4.0000	.10000+00	9.0000	255.0	2.220	.1311	.2801	-3.379	-.8290-01
1	5.0000	.10000+00	8.0000	248.8	2.167	.1279	.2679	-3.391	-.7900-01
1	6.0000	.10000+00	7.0000	259.8	2.263	.1336	.2899	-3.369	-.8600-01
1	7.0000	.17000	17.000	584.0	5.085	.3002	.9379	-2.721	-.3446
1	7.0000	.18000	18.000	401.2	3.493	.2062	.5724	-3.087	-.1854

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1803)

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
1	7.000	.2000	19.000	143.7	1.252	.7390-01	.5780-01	-3.602	-.1600-01
1	8.000	.8300	46.000	352.6	3.070	.1813	.4754	-3.184	-.1493
1	9.000	.8500	52.000	108.4	.9439	.5570-01	-.1290-01	-3.672	.3500-02
1	10.000	.7900	42.000	365.5	3.183	.1879	.5012	-3.158	-.1587
1	10.000	.7950	43.000	402.1	3.502	.2067	.5744	-3.085	-.1862
1	10.000	.8100	44.000	445.3	3.878	.2289	.6607	-2.999	-.2204
1	10.000	.8300	45.000	295.0	2.569	.1516	.3601	-3.299	-.1092
1	10.000	.8400	51.000	94.63	.8240	.4860-01	-.4040-01	-3.700	.1090-01
1	10.000	.8600	53.000	99.82	.8692	.5130-01	-.3000-01	-3.689	.8100-02
1	10.000	.8750	50.000	24.83	.2162	.1280-01	-.1800	-3.839	.4690-01
1	11.000	.8500	54.000	114.1	.9932	.5860-01	-.1600-02	-3.661	.4000-03
1	12.000	.8750	49.000	26.81	.2334	.1380-01	-.1760	-3.835	.4590-01
1	13.000	.8300	47.000	184.9	1.610	.9510-01	.1401	-3.519	-.3980-01
1	14.000	.8350	48.000	87.75	.7640	.4510-01	-.5420-01	-3.713	.1460-01
1	15.000	.9100	35.000	70.11	.6105	.3600-01	-.8940-01	-3.749	.2390-01
1	15.000	.9910	41.000	66.90	.5825	.3440-01	-.9590-01	-3.755	.2550-01
1	16.000	.7000	25.000	73.80	.6426	.3790-01	-.8210-01	-3.741	.2190-01
1	16.000	.8500	29.000	100.9	.8787	.5190-01	-.2780-01	-3.687	.7600-02
1	16.000	.9910	40.000	99.16	.8634	.5100-01	-.3140-01	-3.691	.8500-02
1	17.000	.9900	39.000	79.54	.6926	.4090-01	-.7060-01	-3.730	.1890-01
1	18.000	.2500	21.000	120.5	1.049	.6190-01	.1130-01	-3.648	-.3100-02
1	18.000	.5000	23.000	87.40	.7610	.4490-01	-.5490-01	-3.714	.1480-01
1	18.000	.8500	28.000	123.9	1.079	.6370-01	.1820-01	-3.641	-.5000-02
1	18.000	.9830	38.000	83.08	.7234	.4270-01	-.6350-01	-3.723	.1710-01
1	19.000	.8500	32.000	178.5	1.554	.9180-01	.1272	-3.532	-.3600-01
1	20.000	.8500	31.000	72.39	.6303	.3720-01	-.8490-01	-3.744	.2270-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
1	1.0000	.00000	1.0000	760.8	6.623	.3910	1.291	-2.369	-.5450
1	1.0000	.25000-01	2.0000	286.5	2.494	.1472	.3429	-3.317	-.1034
1	1.0000	.75000-01	5.0000	211.6	1.842	.1087	.1933	-3.466	-.5580-01
1	1.0000	.15000	13.000	300.1	2.612	.1542	.3701	-3.289	-.1125
1	1.0000	.16000	15.000	429.8	3.742	.2209	.6295	-3.030	-.2077
1	1.0000	.18000	16.000	503.0	4.378	.2585	.7756	-2.884	-.2689
1	1.0000	.22000	20.000	57.17	.4976	.2940-01	-.1153	-3.775	.3060-01
1	1.0000	.50000	22.000	80.65	.7021	.4140-01	-.6840-01	-3.728	.1830-01
1	1.0000	.80000	26.000	138.9	1.209	.7140-01	.4810-01	-3.611	-.1330-01
1	1.0000	.00000	1.0000	760.8	6.623	.3910	1.291	-2.369	-.5450
1	2.0000	.25000-01	3.0000	246.4	2.145	.1266	.2629	-3.397	-.7740-01
1	1.0000	.50000-01	4.0000	362.2	3.153	.1861	.4943	-3.165	-.1562
1	2.0000	.75000-01	6.0000	354.9	3.089	.1824	.4797	-3.180	-.1509
1	2.0000	.10000+00	11.000	163.5	1.423	.8400-01	.9710-01	-3.562	-.2730-01
1	2.0000	.12500	12.000	49.55	.4713	.2550-01	-.1306	-3.790	.3440-01
1	2.0000	.15000	14.000	155.3	1.352	.7980-01	.8080-01	-3.579	-.2260-01
1	2.0000	.50000	24.000	79.24	.6898	.4070-01	-.7120-01	-3.731	-.1910-01
1	2.0000	.80000	27.000	380.0	3.308	.1953	.5298	-3.130	-.1693
1	2.0000	.85000	30.000	180.7	1.573	.9290-01	.1316	-3.528	-.3730-01
1	2.0000	.90000	36.000	38.08	.3315	.1960-01	-.1535	-3.813	.4030-01
1	2.0000	.95000	37.000	71.93	.6262	.3700-01	-.8580-01	-3.745	-.2290-01
1	3.0000	.10000+00	10.000	153.6	1.337	.7890-01	.7750-01	-3.582	-.2160-01
1	4.0000	.10000+00	9.0000	155.7	1.443	.9520-01	.1016	-3.558	-.2860-01
1	5.0000	.10000+00	8.0000	173.5	1.510	.8920-01	.1172	-3.542	-.3310-01
1	6.0000	.10000+00	7.0000	184.8	1.609	.9500-01	.1398	-3.520	-.3970-01
1	7.0000	.17000	17.000	479.6	4.175	.2464	.7288	-2.931	-.2487
1	7.0000	.18000	18.000	330.6	2.878	.1699	.4312	-3.228	-.1336

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
1	7.0000	.20000	19.000	120.6	1.050	.6200-01	.1150-01	-3.648	-.3200-02
1	8.0000	.83000	46.000	322.0	2.803	.1655	.4140	-3.246	-.1275
1	9.0000	.85000	52.000	101.6	.8846	.5220-01	-.2650-01	-3.686	.7200-02
1	10.000	.79000	42.000	347.2	3.022	.1784	.4643	-3.195	-.1453
1	10.000	.79500	43.000	369.2	3.219	.1900	.5095	-3.150	-.1617
1	10.000	.81000	44.000	388.2	3.379	.1995	.5462	-3.113	-.1754
1	10.000	.83000	45.000	262.1	2.282	.1347	.2943	-3.365	-.8750-01
1	10.000	.84000	51.000	78.06	.6795	.4010-01	-.7360-01	-3.733	.1970-01
1	10.000	.86000	53.000	92.95	.8092	.4780-01	-.4380-01	-3.703	.1180-01
1	10.000	.87500	50.000	34.04	.2963	.1750-01	-.1616	-3.821	.4230-01
1	11.000	.85000	54.000	95.78	.8338	.4920-01	-.3820-01	-3.698	.1030-01
1	12.000	.87500	49.000	32.72	.2848	.1680-01	-.1642	-3.824	.4290-01
1	13.000	.83000	47.000	140.9	1.227	.7240-01	.5210-01	-3.724	-.1440-01
1	14.000	.83500	48.000	82.87	.7214	.4260-01	-.6400-01	-3.724	.1720-01
1	15.000	.91000	35.000	79.08	.6884	.4060-01	-.7150-01	-3.731	.1920-01
1	15.000	.99100	41.000	56.47	.4916	.2900-01	-.1167	-3.776	.3090-01
1	16.000	.70000	25.000	65.73	.5722	.3380-01	-.9820-01	-3.758	.2610-01
1	16.000	.85000	29.000	105.9	.9216	.5440-01	-.1800-01	-3.678	.4900-02
1	16.000	.99100	40.000	78.44	.6828	.4030-01	-.7280-01	-3.732	.1950-01
1	17.000	.99000	39.000	72.03	.6270	.3700-01	-.8560-01	-3.745	.2290-01
1	18.000	.25000	21.000	122.4	1.065	.6290-01	.1500-01	-3.645	-.4100-02
1	18.000	.50000	23.000	66.98	.5831	.3440-01	-.9570-01	-3.755	.2550-01
1	18.000	.85000	28.000	94.16	.8197	.4840-01	-.4140-01	-3.701	.1120-01
1	18.000	.98300	38.000	81.05	.7055	.4160-01	-.6760-01	-3.727	.1810-01
1	19.000	.85000	32.000	172.3	1.500	.8860-01	.1148	-3.545	-.3240-01
1	20.000	.85000	31.000	88.04	.7664	.4520-01	-.5360-01	-3.713	.1440-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA

ORBITER FUSELAGE

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST CONDITIONS

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
7	1.0000	.00000	1.0000	813.6	12.01	.3319	1.759	-3.853	-.4554
7	1.0000	.25000-01	2.0000	780.6	11.52	.3185	1.682	-3.941	-.4257
7	1.0000	.75000-01	5.0000	241.5	3.566	.9850-01	.4100	-5.212	-.7870-01
7	1.0000	.15000	13.000	293.4	4.331	.1197	.5323	-5.090	-.1046
7	1.0000	.16000	15.000	523.1	7.722	.2134	1.074	-4.548	-.2362
7	1.0000	.18000	16.000	616.8	9.106	.2516	1.295	-4.327	-.2993
7	1.0000	.22000	20.000	60.89	.8989	.2480-01	-.1620-01	-5.639	.2900-02
7	1.0000	.50000	22.000	75.25	1.111	.3070-01	1.770-01	-5.605	-.3200-02
7	1.0000	.80000	26.000	91.26	1.347	.3720-01	.5550-01	-5.567	-.1000-01
7	2.0000	.00000	1.0000	813.6	12.01	.3319	1.759	-3.863	.4554
7	2.0000	.25000-01	3.0000	215.2	3.178	.8780-01	.3480	-5.274	-.6600-01
7	2.0000	.50000-01	4.0000	131.2	1.937	.5350-01	1.497	-5.473	-.2740-01
7	2.0000	.75000-01	6.0000	102.8	1.517	.4190-01	.8270-01	-5.540	-.1490-01
7	2.0000	.10000+00	11.000	111.4	1.645	.4550-01	1.031	-5.312	-.1870-01
7	2.0000	.12500	12.000	199.2	2.941	.8130-01	.3102	-5.519	-.5840-01
7	2.0000	.15000	14.000	75.25	1.111	.3070-01	1.770-01	-5.605	-.3200-02
7	2.0000	.50000	24.000	72.82	1.075	.2970-01	1.200-01	-5.610	-.2100-02
7	2.0000	.80000	27.000	272.8	4.027	.1113	.4837	-5.139	-.9410-01
7	2.0000	.85000	30.000	131.4	1.940	.5360-01	1.503	-5.472	-.2750-01
7	2.0000	.90000	36.000	30.36	.4482	.1240-01	-.8820-01	-5.711	-.1540-01
7	2.0000	.95000	37.000	28.40	.4192	.1160-01	-.9280-01	-5.715	-.1620-01
7	3.0000	.10000+00	10.000	114.2	1.685	.4660-01	1.095	-5.513	-.1990-01
7	4.0000	.10000+00	9.0000	107.8	1.592	.4400-01	.9450-01	-5.528	-.1710-01
7	5.0000	.10000+00	8.0000	108.7	1.604	.4430-01	.9650-01	-5.526	-.1750-01
7	6.0000	.10000+00	7.0000	113.0	1.668	.4610-01	1.068	-5.516	-.1940-01
7	7.0000	.17000	17.000	580.6	8.571	.2369	1.210	-4.413	-.2742
7	7.0000	.18000	18.000	384.8	5.681	.1570	.7480	-4.874	-.1535

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
7	7	.20000	15.000	133.6	1.972	.5450-01	.1553	-5.467	-.2840-01
7	8	.83000	46.000	245.8	3.528	.1003	.4200	-5.202	-.8070-01
7	9	.85000	52.000	102.3	1.510	.4170-01	.8150-01	-5.541	-.1470-01
7	10	.79000	42.000	280.2	4.137	.1143	.5013	-5.121	-.9790-01
7	10	.79500	43.000	307.5	4.539	.1254	.5656	-5.057	-.1118
7	10	.81000	44.000	332.9	4.914	.1358	.6254	-4.997	-.1252
7	10	.83000	45.000	197.9	2.922	.8080-01	.3071	-5.315	-.5780-01
7	10	.84000	51.000	83.40	1.231	.3400-01	.3690-01	-5.586	-.6600-02
7	10	.85000	53.000	85.75	1.266	.3500-01	.4250-01	-5.580	-.7600-02
7	10	.87500	50.000	12.27	1.811	.5000-02	.1309	-5.753	-.2270-01
7	11	.85000	54.000	87.34	1.289	.3560-01	.4620-01	-5.576	-.8300-02
7	12	.87500	49.000	15.46	2.282	.6300-02	.1233	-5.746	-.2150-01
7	13	.83000	47.000	177.7	2.624	.7250-01	.2595	-5.363	-.4840-01
7	14	.83500	48.000	82.93	1.224	.3380-01	.3580-01	-5.587	-.6400-02
7	15	.91000	35.000	41.58	6.139	.1700-01	.6170-01	-5.684	-.1090-01
7	15	.99100	41.000	42.43	6.264	.1730-01	.5970-01	-5.682	-.1050-01
7	16	.70000	25.000	55.32	8.166	.2260-01	.2930-01	-5.652	-.5200-02
7	16	.85000	29.000	67.32	9.939	.2750-01	.1000-02	-5.623	-.2000-03
7	16	.99100	40.000	81.33	1.201	.3200-01	.3210-01	-5.590	-.5700-02
7	17	.99000	39.000	60.00	8.857	.2450-01	.1830-01	-5.641	-.3200-02
7	18	.25000	21.000	67.79	1.001	.2770-01	.1000-03	-5.622	-.0000
7	18	.50000	23.000	72.50	1.070	.2960-01	.1120-01	-5.611	-.2000-02
7	18	.85000	28.000	107.7	1.590	.4400-01	.9440-01	-5.528	-.1710-01
7	18	.98300	38.000	55.00	8.120	.2240-01	.3000-01	-5.652	-.5300-02
7	19	.85000	32.000	123.2	1.819	.5030-01	.1306	-5.492	-.2380-01
7	20	.85000	31.000	45.74	6.753	.1870-01	.5190-01	-5.674	-.9100-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-3.186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
7	1.0000	.00000	1.0000	710.8	10.48	.2898	1.516	-4.106	-4.106	-.3691
7	1.0000	.25000-01	2.0000	779.6	11.50	.3178	1.678	-3.944	-3.944	-.4254
7	1.0000	.75000-01	5.0000	191.2	2.820	.7800-01	.2909	-5.331	-5.331	-.5460-01
7	1.0000	.15000	13.000	220.7	3.256	.9000-01	.3605	-5.261	-5.261	-.6850-01
7	1.0000	.16000	15.000	419.1	6.182	.1709	.8282	-4.794	-4.794	-.1728
7	1.0000	.18000	16.000	507.6	7.487	.2069	1.037	-4.585	-4.585	-.2261
7	1.0000	.22000	20.000	47.30	.6976	.1930-01	-.4830-01	-5.670	-5.670	.8500-02
7	1.0000	.50000	22.000	61.83	.9120	.2520-01	-.1410-01	-5.636	-5.636	.2500-02
7	1.0000	.80000	26.000	109.4	1.613	.4460-01	.9790-01	-5.524	-5.524	-.1770-01
7	2.0000	.00000	1.0000	710.8	10.48	.2898	1.516	-4.106	-4.106	-.3691
7	2.0000	.25000-01	3.0000	186.6	2.752	.7610-01	.2799	-5.342	-5.342	-.5240-01
7	2.0000	.50000-01	4.0000	115.5	1.703	.4710-01	.1124	-5.509	-5.509	-.2040-01
7	2.0000	.75000-01	6.0000	96.39	1.422	.3930-01	.6740-01	-5.554	-5.554	-.1210-01
7	2.0000	1.0000+00	11.000	139.4	2.057	.5680-01	.1689	-5.453	-5.453	-.3100-01
7	2.0000	.12500	12.000	131.2	1.935	.5350-01	.1494	-5.472	-5.472	-.2730-01
7	2.0000	.15000	14.000	51.85	.7648	.2110-01	-.3760-01	-5.659	-5.659	.6600-02
7	2.0000	.50000	24.000	67.17	.9908	.2740-01	-.1500-02	-5.623	-5.623	.3000-03
7	2.0000	.85000	27.000	227.4	3.354	.9270-01	.3762	-5.246	-5.246	-.7170-01
7	2.0000	.90000	30.000	117.0	1.725	.4770-01	.1159	-5.506	-5.506	-.2110-01
7	2.0000	.90000	36.000	26.88	.3964	.1100-01	-.9650-01	-5.718	-5.718	.1690-01
7	2.0000	.95000	37.000	21.14	.3119	.8600-02	-.1100	-5.732	-5.732	.1920-01
7	3.0000	1.0000+00	10.000	105.8	1.561	.4310-01	.8960-01	-5.532	-5.532	-.1620-01
7	4.0000	1.0000+00	9.0000	90.89	1.341	.3710-01	.5440-01	-5.567	-5.567	-.9800-02
7	5.0000	1.0000+00	8.0000	94.35	1.392	.3850-01	.6260-01	-5.559	-5.559	-.1130-01
7	6.0000	1.0000+00	7.0000	88.77	1.309	.3620-01	.4940-01	-5.572	-5.572	-.8900-02
7	7.0000	.17000	17.000	466.8	6.886	.1903	.9405	-4.681	-4.681	-.2009
7	7.0000	.18000	18.000	308.6	4.552	.1258	.5677	-5.054	-5.054	-.1123

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
7	7.0000	.20000	19.000	110.2	1.626	.4490-01	.1000+00	-5.522	-.1810-01
7	8.0000	.83000	46.000	231.7	3.417	.9440-01	.3862	-5.235	-.7380-01
7	9.0000	.85000	52.000	89.59	1.322	.3650-01	.5140-01	-5.570	-.9200-02
7	10.000	.79000	42.000	219.0	3.230	.8930-01	.3563	-5.266	-.8770-01
7	10.000	.79500	43.000	274.8	4.054	.1121	.4880	-5.134	-.9510-01
7	10.000	.81000	44.000	316.5	4.669	.1290	.5863	-5.035	-.1164
7	10.000	.83000	45.000	160.8	2.372	.6560-01	.2193	-5.402	-.4060-01
7	10.000	.84000	51.000	68.99	1.018	.2810-01	.2800-02	-5.619	-.5000-03
7	10.000	.86000	53.000	74.45	1.098	.3040-01	.1570-01	-5.606	-.2800-02
7	10.000	.87500	50.000	10.10	.1489	.4100-02	-.1360	-5.758	-.2360-01
7	11.000	.85000	54.000	74.35	1.097	.3030-01	.1550-01	-5.606	-.2800-02
7	12.000	.87500	49.000	12.73	.1878	.5200-02	-.1298	-5.752	-.2260-01
7	13.000	.83000	47.000	112.6	1.660	.4590-01	.1055	-5.516	-.1910-01
7	14.000	.83500	48.000	64.85	.9566	.2640-01	-.6900-02	-5.629	-.1200-02
7	15.000	.91000	35.000	42.66	.6293	.1740-01	.5920-01	-5.681	-.1040-01
7	15.000	.99100	41.000	30.89	.4556	.1260-01	-.8700-01	-5.709	-.1520-01
7	16.000	.70000	25.000	35.44	.5227	.1440-01	-.7630-01	-5.698	-.1340-01
7	16.000	.85000	29.000	49.58	.7312	.2020-01	-.4290-01	-5.665	-.7600-02
7	16.000	.99100	40.000	56.95	.8400	.2320-01	-.2560-01	-5.647	-.4500-02
7	17.000	.99000	39.000	47.45	.6998	.1330-01	-.4800-01	-5.670	-.8500-02
7	18.000	.25000	21.000	64.66	.9537	.2640-01	-.7400-02	-5.629	-.1300-02
7	18.000	.50000	23.000	55.07	.8123	.2250-01	-.3000-01	-5.652	-.5300-02
7	18.000	.85000	28.000	64.03	.9444	.2610-01	-.8900-02	-5.631	-.1600-02
7	18.000	.98300	38.000	47.30	.6975	.1930-01	-.4830-01	-5.670	-.8500-02
7	19.000	.85000	32.000	108.2	1.597	.4410-01	.9540-01	-5.526	-.1730-01
7	20.000	.85000	31.000	41.56	.6131	.1690-01	-.6180-01	-5.684	-.1090-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
7	1.0000	.00000	1.0000	648.3	9.561	.2644	1.368	-4.251	-.3219
7	1.0000	.25000-01	2.0000	778.6	11.48	.3176	1.676	-3.944	-.4249
7	1.0000	.75000-01	5.0000	149.4	2.203	.6090-01	.1923	-5.427	.3540-01
7	1.0000	.15000	13.000	169.7	2.503	.6920-01	.2403	-5.379	-.4470-01
7	1.0000	.16000	15.000	329.0	4.852	.1342	.6157	-5.004	-.1230
7	1.0000	.18000	16.000	410.2	6.050	.1673	.8072	-4.812	-.1677
7	1.0000	.22000	20.000	36.43	.5372	.1490-01	-.7400-01	-5.694	.1300-01
7	1.0000	.50000	22.000	46.95	.6924	.1920-01	-.4920-01	-5.669	.8700-02
7	1.0000	.80000	26.000	76.57	1.129	.3120-01	-.2070-01	-5.599	-.3700-02
7	2.0000	.00000	1.0000	548.3	9.561	.2644	1.368	-4.251	-.3219
7	2.0000	.25000-01	3.0000	168.1	2.479	.6860-01	.2364	-5.383	-.4390-01
7	2.0000	.50000-01	4.0000	137.0	2.020	.5590-01	.1631	-5.457	-.2990-01
7	2.0000	.75000-01	6.0000	285.2	4.205	.1163	.5124	-5.107	-.1003
7	2.0000	.10000+00	11.000	177.9	2.624	.7260-01	-.2596	-5.360	-.4840-01
7	2.0000	.12500	12.000	30.93	.4561	.1260-01	-.8690-01	-5.707	.1520-01
7	2.0000	.15000	14.000	44.20	.6519	.1800-01	-.5560-01	-5.675	.9800-02
7	2.0000	.50000	24.000	66.28	.9775	.2700-01	-.3000-02	-5.623	.6000-03
7	2.0000	.80000	27.000	246.3	3.632	.1005	.4207	-5.199	-.8090-01
7	2.0000	.85000	30.000	119.4	1.761	.4870-01	.1216	-5.498	-.2210-01
7	2.0000	.90000	36.000	25.98	.3831	.1060-01	-.9860-01	-5.718	.1720-01
7	3.0000	.10000+00	37.000	25.27	.3726	.1030-01	.1003	-5.720	.1750-01
7	3.0000	.10000+00	10.000	157.3	2.320	.6420-01	-.2111	-5.409	-.3900-01
7	4.0000	.10000+00	9.0000	159.6	2.354	.6510-01	.2164	-5.403	-.4010-01
7	5.0000	.10000+00	8.0000	163.6	2.413	.6670-01	.2259	-5.394	-.4190-01
7	6.0000	.10000+00	7.0000	167.2	2.465	.6820-01	.2342	-5.386	-.4350-01
7	7.0000	.17000	17.000	366.1	5.399	.1493	.7032	-4.917	-.1430
7	7.0000	.18000	18.000	241.1	3.555	.9830-01	.4085	-5.211	-.7840-01

(H1) INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
7	20.000	.20000	19.000	83.41	1.230	.3400-01	.3680-01	-5.583	-.6600-02
7	8.0000	.83000	46.000	236.8	3.492	.9660-01	.3983	-5.221	-.7630-01
7	9.0000	.85000	52.000	98.18	1.448	.4000-01	.7160-01	-5.548	-.1290-01
7	10.000	.79000	42.000	243.5	3.590	.9930-01	.4141	-5.206	-.7950-01
7	10.000	.79500	43.000	282.2	4.162	.1151	.5054	-5.114	-.9880-01
7	10.000	.81000	44.000	300.4	4.430	.1225	.5482	-5.072	-.1081
7	10.000	.83000	45.000	200.6	2.959	.8180-01	.3131	-5.307	-.5900-01
7	10.000	.84000	51.000	70.89	1.045	.2890-01	.7300-02	-5.613	-.1300-02
7	10.000	.86000	53.000	79.74	1.176	.3250-01	.2810-01	-5.592	-.5000-02
7	10.000	.87500	50.000	12.27	1.810	.5000-02	.1309	-5.751	-.2280-01
7	11.000	.85000	54.000	75.97	1.120	.3100-01	.1920-01	-5.600	-.3400-02
7	12.000	.87500	49.000	15.57	.2296	.6300-02	-.1232	-5.743	-.2140-01
7	13.000	.83000	47.000	122.6	1.809	.5000-01	.1293	-5.490	-.2350-01
7	14.000	.83500	48.000	78.32	1.155	.3190-01	.2480-01	-5.595	-.4400-02
7	15.000	.91000	35.000	48.29	.7121	.1970-01	.4600-01	-5.666	-.8100-02
7	16.000	.70000	25.000	29.30	.4322	.1200-01	-.9080-01	-5.711	.1590-01
7	16.000	.85000	29.000	29.43	.4341	.1200-01	-.9050-01	-5.710	.1580-01
7	16.000	.99100	40.000	48.13	.7098	.1960-01	.4640-01	-5.666	.8200-02
7	17.000	.99000	39.000	40.88	.6028	.1670-01	-.6350-01	-5.683	.1120-01
7	18.000	.25000	21.000	63.06	.6333	.1750-01	.5860-01	-5.678	.1030-01
7	18.000	.50000	23.000	42.47	.9300	.2570-01	-.1120-01	-5.631	.2000-02
7	18.000	.85000	28.000	59.76	.6264	.1730-01	-.5970-01	-5.679	.1050-01
7	18.000	.98300	38.000	44.36	.8813	.2440-01	-.1900-01	-5.639	.3400-02
7	19.000	.85000	32.000	116.5	.6542	.1810-01	-.5530-01	-5.675	.9700-02
7	20.000	.85000	31.000	47.42	1.718	.4750-01	.1147	-5.505	-.2080-01
7	20.000	.85000	31.000	47.42	.6994	.1930-01	-.4810-01	-5.668	.8500-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
7	1.0000	.00000	1.0000	649.0	9.568	.2646	1.370	-4.250	-.3222
7	1.0000	.25000-01	2.0000	776.1	11.44	.3165	1.669	-3.951	-.4225
7	1.0000	.75000-01	5.0000	148.8	2.194	.6070-01	1.908	-5.429	-.3510-01
7	1.0000	.15000	13.000	169.3	2.496	.6900-01	.2392	-5.381	-.4450-01
7	1.0000	.16000	15.000	329.6	4.859	.1344	.6169	-5.003	-.1233
7	1.0000	.18000	16.000	410.2	6.048	.1673	.8070	-4.813	-.1677
7	1.0000	.22000	20.000	36.07	.5318	.1470-01	-.7480-01	-5.695	.1310-01
7	1.0000	.50000	22.000	46.69	.6883	.1900-01	-.4980-01	-5.670	.8800-02
7	1.0000	.80000	26.000	76.09	1.122	.3100-01	.1950-01	-5.600	-.3500-02
7	2.0000	.00000	1.0000	649.0	9.568	.2646	1.370	-4.250	-.3222
7	2.0000	.25000-01	3.0000	166.5	2.454	.6790-01	.2325	-5.387	-.4320-01
7	2.0000	.50000-01	4.0000	136.0	2.005	.5540-01	.1606	-5.459	-.2940-01
7	2.0000	.75000-01	6.0000	284.5	4.195	.1160	.5107	-5.109	-.1000+00
7	2.0000	.10000+00	11.000	174.9	2.579	.7130-01	.2523	-5.367	-.4700-01
7	2.0000	.12500	12.000	30.49	.4496	.1240-01	-.8800-01	-5.708	.1540-01
7	2.0000	.15000	14.000	44.01	.6489	.1790-01	-.5610-01	-5.676	.9900-02
7	2.0000	.50000	24.000	65.63	.9676	.2680-01	-.5200-02	-5.625	.9000-03
7	2.0000	.80000	27.000	246.0	3.627	.1003	.4200	-5.200	-.8080-01
7	2.0000	.85000	30.000	119.3	1.759	.4870-01	.1213	-5.498	-.2210-01
7	2.0000	.90000	36.000	25.78	.3800	.1050-01	-.9910-01	-5.719	.1730-01
7	2.0000	.95000	37.000	24.83	.3661	.1010-01	-.1013	-5.721	.1770-01
7	3.0000	.10000+00	10.000	155.4	2.291	.6340-01	.2064	-5.413	-.3810-01
7	3.0000	.10000+00	9.0000	158.5	2.336	.6460-01	.2136	-5.406	-.3950-01
7	5.0000	.10000+00	8.0000	162.5	2.395	.6630-01	.2231	-5.397	-.4130-01
7	6.0000	.10000+00	7.0000	166.8	2.459	.6800-01	.2332	-5.387	-.4330-01
7	7.0000	.17000	17.000	366.1	5.397	.1493	.7029	-4.317	-.1429
7	7.0000	.18000	18.000	240.4	3.544	.9800-01	.4066	-5.213	-.7800-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
7	7.0000	.20000	19.000	83.24	1.227	.3390-01	.3630-01	-5.583	-.6500-02
7	8.0000	.83000	46.000	238.0	3.509	.9700-01	.4010	-5.219	-.7680-01
7	9.0000	.85000	52.000	97.38	1.436	.3970-01	.6970-01	-5.550	-.1260-01
7	10.000	.79000	42.000	242.4	3.574	.9880-01	.4114	-5.208	-.7900-01
7	10.000	.79500	43.000	280.6	4.137	.1144	.5015	-5.118	-.9800-01
7	10.000	.81000	44.000	297.1	4.380	.1211	.5403	-5.079	-.1064
7	10.000	.83000	45.000	198.6	2.929	.8100-01	.3083	-5.311	-.5800-01
7	10.000	.84000	51.000	70.47	1.039	.2870-01	.6200-02	-5.613	-.1100-02
7	10.000	.86000	53.000	79.41	1.171	.3240-01	.2730-01	-5.592	-.4900-02
7	10.000	.87500	50.000	12.02	1.773	.4900-02	-.1315	-5.751	-.2290-01
7	11.000	.85000	54.000	76.21	1.124	.3110-01	.1980-01	-5.600	-.3500-02
7	12.000	.87500	49.000	15.22	2.245	.6200-02	-.1240	-5.744	-.2160-01
7	13.000	.83000	47.000	126.1	1.859	.5140-01	.1373	-5.482	-.2500-01
7	14.000	.83500	48.000	77.15	1.137	.3150-01	.2200-01	-5.598	-.3900-02
7	15.000	.91000	35.000	47.94	1.7068	.1950-01	-.4690-01	-5.667	.8300-02
7	15.000	.99100	41.000	28.96	4.270	.1180-01	-.9160-01	-5.711	.1600-01
7	16.000	.70000	25.000	29.08	4.287	.1190-01	-.9130-01	-5.711	.1600-01
7	16.000	.85000	29.000	47.87	7.057	.1950-01	-.4700-01	-5.667	.8300-02
7	16.000	.99100	40.000	40.54	.5977	.1650-01	-.6430-01	-5.684	.1130-01
7	17.000	.99000	39.000	42.89	.6324	.1750-01	-.5880-01	-5.678	.1030-01
7	18.000	.25000	21.000	62.64	.9236	.2550-01	-.1220-01	-5.632	.2200-02
7	18.000	.50000	23.000	42.13	.6211	.1720-01	-.6060-01	-5.680	.1070-01
7	18.000	.85000	28.000	59.42	.8760	.2420-01	-.1980-01	-5.640	.3500-02
7	18.000	.98300	38.000	43.93	.6477	.1790-01	-.5630-01	-5.676	.9900-02
7	19.000	.85000	32.000	116.2	1.714	.4740-01	.1141	-5.506	-.2070-01
7	20.000	.85000	31.000	47.08	.6941	.1920-01	-.4890-01	-5.669	.8600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP/SI
4	1.0000	.00000	1.0000	820.8	18.28	.2360	2.002	-6.857	-.2920
4	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
4	1.0000	.75000-01	5.0000	217.5	4.843	.6260-01	.4455	-8.414	-.5290-01
4	1.0000	.15000	13.000	231.7	5.160	.6660-01	.4822	-8.377	-.5760-01
4	1.0000	.16000	15.000	489.2	10.89	.1407	1.147	-7.713	-.1487
4	1.0000	.18000	16.000	606.9	13.51	.1745	1.450	-7.409	-.1958
4	1.0000	.22000	20.000	53.07	1.182	.1530-01	.2100-01	-8.838	-.2400-02
4	1.0000	.50000	22.000	50.87	1.133	.1460-01	.1540-01	-8.844	-.1700-02
4	1.0000	.80000	26.000	52.44	1.168	.1510-01	.1940-01	-8.840	-.2200-02
4	2.0000	.00000	1.0000	820.8	18.28	.2360	2.002	-6.857	-.2920
4	2.0000	.25000-01	3.0000	159.1	3.542	.4570-01	.2947	-8.565	-.3440-01
4	2.0000	.50000-01	4.0000	121.2	2.698	.3480-01	.1968	-8.663	-.2270-01
4	2.0000	.75000-01	6.0000	99.64	2.219	.2870-01	.1412	-8.719	-.1620-01
4	2.0000	.10000+00	11.000	98.07	2.184	.2820-01	.1372	-8.722	-.1570-01
4	2.0000	.12500	12.000	86.45	1.925	.2490-01	.1072	-8.752	-.1220-01
4	2.0000	.15000	14.000	91.55	2.039	.2630-01	.1204	-8.739	-.1380-01
4	2.0000	.50000	24.000	71.44	1.591	.2050-01	.6850-01	-8.791	-.7800-02
4	2.0000	.80000	27.000	184.9	4.116	.5320-01	.3612	-8.498	-.4250-01
4	2.0000	.85000	30.000	94.53	2.105	.2720-01	1.281	-8.731	-.1470-01
4	2.0000	.90000	36.000	25.03	.5573	.7200-02	-.5130-01	-8.911	.5800-02
4	2.0000	.95000	37.000	25.66	.5713	.7400-02	-.4970-01	-8.909	.5600-02
4	3.0000	.10000+00	10.000	83.23	1.853	.2390-01	.9890-01	-8.761	-.1130-01
4	4.0000	.10000+00	9.0000	85.35	1.900	.2450-01	.1044	-8.755	-.1190-01
4	5.0000	.10000+00	8.0000	86.05	1.916	.2470-01	1.062	-8.753	-.1210-01
4	6.0000	.10000+00	7.0000	86.92	1.935	.2500-01	1.084	-8.751	-.1240-01
4	7.0000	.17000	17.000	553.9	12.33	.1593	1.314	-7.546	-.1741
4	7.0000	.18000	18.000	349.5	7.783	.1005	.7862	-8.073	-.9740-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
4	7.0000	.20000	19.000	116.9	2.603	.3360-01	.1858	-8.674	-.2140-01
4	8.0000	.83000	46.000	178.0	3.963	.5120-01	.3435	-8.516	-.4030-01
4	9.0000	.85000	52.000	69.74	1.553	.2010-01	.6410-01	-8.795	-.7300-02
4	10.000	.79000	42.000	202.3	4.503	.5820-01	.4061	-8.453	-.4800-01
4	10.000	.79500	43.000	214.2	4.769	.6160-01	.4369	-8.423	-.5190-01
4	10.000	.81000	44.000	237.9	5.297	.6840-01	.4980	-8.361	-.5960-01
4	10.000	.83000	45.000	143.7	3.200	.4130-01	.2550	-8.605	-.2960-01
4	10.000	.84000	51.000	53.57	1.193	.1540-01	.2240-01	-8.837	-.2500-02
4	10.000	.86000	53.000	59.21	1.318	.1700-01	.3690-01	-8.823	-.4200-02
4	10.000	.87500	50.000	12.12	.2700	.3500-02	-.8460-01	-8.944	-.9500-02
4	11.000	.85000	54.000	62.22	1.385	.1750-01	.4470-01	-8.815	-.5100-02
4	12.000	.87500	49.000	16.07	.3579	.4600-02	-.7440-01	-8.934	-.8300-02
4	13.000	.83000	4.000	148.7	3.311	.4280-01	.2678	-8.592	-.3120-01
4	14.000	.83500	48.000	72.93	1.624	.2100-01	.7230-01	-8.787	-.8200-02
4	15.000	.91000	35.000	33.43	.7444	.9600-02	-.2960-01	-8.889	-.3300-02
4	15.000	.99100	41.000	33.74	.7513	.9700-02	-.2880-01	-8.888	-.3200-02
4	16.000	.70000	25.000	39.95	.8895	.1150-01	-.1280-01	-8.872	-.1400-02
4	16.000	.85000	29.000	43.01	.9577	.1240-01	-.4900-02	-8.864	-.6000-03
4	16.000	.99100	40.000	56.86	1.266	.1640-01	.3080-01	-8.829	-.3500-02
4	17.000	.25000	39.000	47.37	1.055	.1360-01	.6300-02	-8.853	-.7000-03
4	18.000	.50000	21.000	46.00	1.024	.1320-01	.2800-02	-8.857	-.3000-03
4	18.000	.85000	23.000	51.10	1.138	.1470-01	.1600-01	-8.844	-.1800-02
4	18.000	.98300	28.000	77.73	1.731	.2240-01	.8470-01	-8.775	-.9700-02
4	19.000	.85000	38.000	39.16	.8720	.1130-01	-.1480-01	-8.874	-.1700-02
4	19.000	.85000	32.000	94.77	2.110	.2730-01	.1287	-8.731	-.1470-01
4	20.000	.85000	31.000	33.43	.7444	.9600-02	-.2960-01	-8.889	-.3300-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA
 IHI1. MODEL 84-OTS. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
4	3.511	-1.970-02	1.808	3479.	44.94	387.7	213.7

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
4	1.0000	.00000	1.0000	684.0	15.22	.1966	1.649	-7.210	-.2287
4	1.0000	.25000-01	2.0000	999.0	3.539	999.0	999.0	999.0	999.0
4	1.0000	.75000-01	5.0000	159.0	3.754	.4570-01	.2943	-8.564	-.3440-01
4	1.0000	.15000	13.000	168.7	8.180	.4850-01	.3192	-8.539	-.3740-01
4	1.0000	.16000	15.000	367.6	10.51	.1057	.8324	-8.026	-.1037
4	1.0000	.18000	16.000	472.2	.8825	.1357	1.102	-7.756	-.1421
4	1.0000	.22000	20.000	39.66	.9473	.1140-01	-.1360-01	-8.872	.1500-02
4	1.0000	.50000	22.000	42.57	1.519	.1220-01	.6100-02	-8.864	.7000-03
4	1.0000	.80000	26.000	68.28	15.22	.1966	.6020-01	-8.798	-.6800-02
4	2.0000	.00000	1.0000	684.0	15.22	.1966	1.649	-7.210	-.2287
4	2.0000	.25000-01	3.0000	137.5	3.059	.3950-01	.2387	-8.619	-.2770-01
4	2.0000	.50000-01	4.0000	102.5	2.280	.2950-01	.1484	-8.710	-.1700-01
4	2.0000	.75000-01	6.0000	84.95	1.890	.2440-01	.1032	-8.755	-.1180-01
4	2.0000	.10000+00	11.000	93.99	2.092	.2700-01	.1265	-8.732	-.1450-01
4	2.0000	.12500	12.000	94.07	2.093	.2700-01	.1267	-8.731	-.1450-01
4	2.0000	.15000	14.000	53.11	1.182	.1530-01	.2110-01	-8.837	-.2400-02
4	2.0000	.50000	24.000	68.85	1.309	.1690-01	.3590-01	-8.822	-.4100-02
4	2.0000	.85000	30.000	122.1	2.716	.1950-01	.1989	-8.659	-.2300-01
4	2.0000	.90000	36.000	67.97	1.512	.1950-01	.5940-01	-8.799	-.6800-02
4	2.0000	.95000	37.000	21.66	.4819	.6200-02	.6010-01	-8.918	-.6700-02
4	3.0000	.10000+00	10.000	19.69	.4381	.5700-02	.6510-01	-8.923	.7300-02
4	4.0000	.10000+00	9.0000	70.17	1.561	.2020-01	.6510-01	-8.793	-.7400-02
4	5.0000	.10000+00	8.0000	74.10	1.649	.2130-01	.7520-01	-8.783	-.8600-02
4	6.0000	.10000+00	7.0000	79.37	1.766	.2280-01	.8880-01	-8.769	-.1010-01
4	7.0000	.17000	17.000	80.47	1.791	.2310-01	.9170-01	-8.766	-.1050-01
4	7.0000	.18000	18.000	421.3	9.375	.1211	.9709	-7.887	-.1231
4	7.0000	.18000	18.000	266.2	5.923	.7650-01	.5707	-8.287	-.6890-01

TEST DATA

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/L/REF	TAP NO	P(I) PSfA	P I/P	P I/PO	CP(I)	CP(SI)	CP1/SI
4	7.0000	.20000	19.000	39.83	1.999	.2500 01	.1158	-8.742	-.1320-01
4	8.0000	.83000	45.000	145.5	3.238	.4180-01	.2595	-8.599	-.3020-01
4	9.0000	.85000	52.000	47.33	1.053	.1360-01	.6200-02	-8.852	-.7000-03
4	10.000	.79000	42.000	160.0	3.561	.4600-01	.2969	-8.561	-.3470-01
4	10.000	.79500	43.000	169.5	3.772	.4870-01	.3214	-8.537	-.3760-01
4	10.000	.81000	44.000	190.4	4.237	.5470-01	.3752	-8.483	-.4420-01
4	10.000	.83000	45.000	119.4	2.657	.3430-01	.1920	-8.666	-.2220-01
4	10.000	.84000	51.000	36.04	.8020	.1040-01	-.2300-01	-8.881	.2600-02
4	10.000	.86000	53.000	41.78	.9297	.1200-01	-.8200-02	-8.866	.9000-03
4	10.000	.87500	50.000	11.40	.2536	.3300-02	-.8650-01	-8.945	.9700-02
4	11.000	.85000	54.000	43.75	.9736	.1260-01	-.3100-02	-8.861	.3000-03
4	12.000	.85000	49.000	15.63	.3478	.4500-02	-.7560-01	-8.934	.8500-02
4	13.000	.83000	47.000	112.3	2.500	.3230-01	.1738	-8.684	-.2000-01
4	14.000	.83500	48.000	61.06	1.359	.1760-01	.4160-01	-8.816	-.4700-02
4	15.000	.91000	35.000	29.44	.6551	.8500-02	-.4000-01	-8.898	.4500-02
4	15.000	.99100	41.000	25.13	.5592	.7200-02	-.5110-01	-8.909	.5700-02
4	16.000	.70000	25.000	29.99	.6673	.8600-02	-.3860-01	-8.891	.4300-02
4	16.000	.95000	29.000	32.19	.7163	.9300-02	-.3290-01	-8.891	.3700-02
4	16.000	.99100	40.000	35.85	.7978	.1030-01	-.2340-01	-8.882	.2600-02
4	17.000	.99000	39.000	38.49	.8564	.1110-01	-.1660-01	-8.875	.1900-02
4	18.000	.25000	21.000	41.00	.9123	.1180-01	-.1020-01	-8.868	.1100-02
4	18.000	.50000	23.000	41.39	.9210	.1190-01	-.9200-02	-8.867	.1000-02
4	18.000	.85000	28.000	49.88	1.110	.1430-01	.1280-01	-8.845	-.1400-02
4	18.000	.98300	38.000	32.27	.7181	.9300-02	-.3270-01	-8.891	.3700-02
4	19.000	.85000	32.000	75.28	1.675	.2160-01	.7830-01	-8.780	-.8900-02
4	20.000	.85000	31.000	29.44	.6551	.8500-02	-.4000-01	-8.898	.4500-02

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
4	1.0000	.00000	1.0000	565.4	12.58	.1625	1.343	-7.515	-.1787
4	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
4	1.0000	.75000-01	5.0000	117.4	2.613	.380-01	1.869	-8.671	-2160-01
4	1.0000	1.5000	13.000	138.1	3.074	.3970-01	2.405	-8.617	-2790-01
4	1.0000	1.6000	15.000	256.2	5.703	-.370-01	5.452	-8.313	-.6560-01
4	1.0000	1.8000	16.000	366.2	8.151	.1053	8.290	-8.029	-1033
4	1.0000	2.2000	20.000	30.48	.6784	.8800-02	-.3730-01	-8.895	.4200-J2
4	1.0000	2.5000	22.000	44.55	.9914	.1280-01	-.1000-02	-8.859	.1000-03
4	1.0000	3.0000	26.000	46.98	1.046	.1350-01	5.300-02	-8.853	-.6000-03
4	1.0000	3.5000	26.000	565.4	12.58	.1625	1.343	-7.515	-.1787
4	2.0000	.00000	1.0000	126.1	2.807	.3630-01	2.094	-8.648	-.2420-01
4	2.0000	.25000-01	3.0000	92.64	2.062	.2660-01	1.231	-8.735	-.1410-01
4	2.0000	.50000-01	4.0000	154.6	3.440	.4440-01	2.828	-8.575	-.3300-01
4	2.0000	.75000-01	6.0000	163.7	3.643	.4710-01	3.064	-8.551	-.3580-01
4	2.0000	1.0000+00	11.000	30.87	.6871	.8900-02	-.3630-01	-8.894	.4100-02
4	2.0000	1.2500	12.000	31.35	.6976	.9000-02	-.3510-01	-8.893	.3900-02
4	2.0000	1.5000	14.000	43.53	.9687	.1250-01	-.3600-02	-8.862	.4000-03
4	2.0000	1.8000	24.000	154.2	3.431	.4430-01	2.818	-8.576	-.3290-01
4	2.0000	2.0000	27.000	83.60	1.861	.2400-01	9980-01	-8.758	-.1140-01
4	2.0000	2.5000	30.000	20.66	.4598	.5900-02	-.6260-01	-8.921	.7000-02
4	2.0000	3.0000	36.000	20.90	.4650	.6000-02	-.6200-01	-8.920	.7000-02
4	2.0000	3.5000	37.000	151.3	3.368	.4350-01	2.745	-8.583	-.3200-01
4	3.0000	1.0000+00	10.000	146.3	3.256	.4210-01	2.616	-8.596	-.3040-01
4	4.0000	1.0000+00	9.0000	147.8	3.289	.4250-01	2.654	-8.592	-.3090-01
4	5.0000	1.0000+00	8.0000	129.2	2.877	.3720-01	2.176	-8.640	-.2520-01
4	6.0000	1.0000+00	7.0000	311.3	6.929	.8950-01	6.873	-8.171	-.8410-01
4	7.0000	1.8000	18.000	199.3	4.435	.5730-01	3.982	-8.460	-.4710-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
4	7.0000	.20000	19.000	69.61	1.549	.2000-01	.6370-01	-8.794	-7200-02
4	8.0000	.83000	46.000	141.5	3.149	.4070-01	.2491	-8.609	-2890-01
4	9.0000	.85000	52.000	58.65	1.305	.1690-01	.3540-01	-8.822	-4000-02
4	10.000	.79000	42.000	151.9	3.381	.4370-01	.2761	-8.582	-3220-01
4	10.000	.79500	43.000	188.8	3.756	.4850-01	.3195	-8.538	-3740-01
4	10.000	.81000	44.000	181.5	4.038	.5220-01	.3522	-8.506	-4140-01
4	10.000	.83000	45.000	128.0	2.850	.3680-01	.2144	-8.643	-2480-01
4	10.000	.84000	51.000	39.94	.8888	.1150-01	.1290-01	-8.871	-1500-02
4	10.000	.86000	53.000	48.40	1.077	.1390-01	.8900-02	-8.849	-1000-02
4	10.000	.87500	50.000	11.91	.2652	.3400-02	.8520-01	-8.943	.9500-02
4	11.000	.85000	54.000	45.95	1.023	.1320-01	.2630-02	-8.855	-3000-03
4	12.000	.87500	49.000	15.39	.3426	.4400-02	.7620-01	-8.934	.8500-02
4	13.000	.83000	47.000	91.94	2.046	.2640-01	.1213	-8.737	-1390-01
4	14.000	.83500	48.000	51.13	1.138	.1470-01	.1600-01	-8.842	-1800-02
4	15.000	.91000	35.000	32.76	.7291	.9400-02	.3140-01	-8.889	.3500-02
4	16.000	.70000	25.000	22.26	.4954	.6400-02	.5850-01	-8.915	.6600-02
4	16.000	.85000	29.000	28.52	.5105	.6600-02	.5670-01	-8.915	.6400-02
4	16.000	.99100	40.000	25.83	.6347	.8200-02	.4240-01	-8.900	.4800-02
4	17.000	.99000	39.000	35.05	.5749	.7400-02	.4930-01	-8.907	.5500-02
4	18.000	.25000	21.000	43.84	.7200	.1010-01	.2550-01	-8.863	.2900-02
4	18.000	.50000	23.000	34.02	.7571	.1260-01	.2800-02	-8.861	.3000-03
4	18.000	.85000	28.000	44.23	.9844	.9800-02	.2820-01	-8.886	.3200-02
4	18.000	.98300	38.000	30.40	.6787	.1270-01	.1800-02	-8.860	.2000-03
4	19.000	.85000	32.000	74.96	1.668	.8700-02	.3750-01	-8.895	.4200-02
4	20.000	.85000	31.000	33.55	.7466	.9600-02	.2940-01	-8.887	.3300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
10	1.0000	.00000	1.0000	773.9	6.727	.3971	1.315	-2.345	-.5608
10	1.0000	.25000-01	2.0000	578.6	5.030	.2969	.9252	-2.734	-.3383
10	1.0000	.75000-01	5.0000	210.8	1.833	.1082	.1911	-3.468	-.5510-01
10	1.0000	.15000	13.000	270.4	2.351	.1388	.3101	-3.350	-.9260-01
10	1.0000	.16000	15.000	442.4	3.846	.2270	.6533	-3.006	-.2173
10	1.0000	.18000	16.000	508.5	4.421	.2610	.7853	-2.874	-.2732
10	1.0000	.22000	20.000	55.51	.4826	.2850-01	-.1188	-3.778	.3140-01
10	1.0000	.50000	22.000	81.43	.7079	.4180-01	-.6710-01	-3.727	.1800-01
10	1.0000	.80000	26.000	139.8	1.215	.7170-01	.4940-01	-3.610	-.1370-01
10	2.0000	.00000	1.0000	773.9	6.727	.3971	1.315	-2.345	-.5608
10	2.0000	.25000-01	3.0000	248.1	2.157	.1273	.2656	-3.394	-.7830-01
10	2.0000	.50000-01	4.0000	312.1	2.713	.1601	.3932	-3.266	-.1204
10	2.0000	.75000-01	6.0000	388.3	3.375	.1992	.5453	-3.114	-.1751
10	2.0000	.10000+00	11.000	194.7	1.693	.9990-01	.1590	-3.501	-.4540-01
10	2.0000	.12500	12.000	60.85	.5290	.3120-01	-.1081	-3.768	-.2870-01
10	2.0000	.15000	14.000	143.6	1.248	.7370-01	.5690-01	-3.603	-.1580-01
10	2.0000	.50000	24.000	87.72	.7625	.4500-01	-.5450-01	-3.714	-.1470-01
10	2.0000	.80000	27.000	428.2	3.723	.2198	.6251	-3.035	-.2060
10	2.0000	.85000	30.000	218.7	1.902	.1123	.2070	-3.453	-.5990-01
10	2.0000	.90000	36.000	46.32	.4027	.2380-01	.1371	-3.797	-.3610-01
10	2.0000	.95000	37.000	48.36	.4204	.2480-01	-.1331	-3.793	-.3510-01
10	3.0000	.10000+00	10.000	233.5	2.030	.1198	.2365	-3.423	-.6910-01
10	3.0000	.10000+00	8.0000	308.2	2.679	.1582	.3855	-3.274	-.1178
10	5.0000	.10000+00	8.0000	348.4	3.029	.1788	.4658	-3.194	-.1458
10	6.0000	.10000+00	7.0000	416.7	3.622	.2134	.6020	-3.058	-.1969
10	7.0000	.17000	17.000	546.3	4.749	.2803	.8607	-2.799	-.3075
10	7.0000	.18000	18.000	479.9	4.171	.2462	.7281	-2.931	-.2484

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CP/SI
10	7.0000	.20000	19.000	226.2	1.966	.1161	.2219	-3.438	-.6450-01
10	8.0000	.83000	46.000	370.5	3.221	.1901	.5099	-3.150	-.1619
10	9.0000	.85000	52.000	151.2	1.314	.7760-01	.7210-01	-3.588	-.2010-01
10	10.000	.79000	42.000	456.2	3.966	.2341	.6809	-2.979	-.2286
10	10.000	.79500	43.000	483.6	4.204	.2482	.7356	-2.924	-.2516
10	10.000	.81000	44.000	520.7	4.527	.2672	.8097	-2.850	-.2841
10	10.000	.83000	45.000	188.5	1.639	.9670-01	.1467	-3.513	-.4170-01
10	10.000	.84000	51.000	140.4	1.220	.7200-01	.5050-01	-3.609	-.1400-01
10	10.000	.86000	53.000	157.1	1.366	.8060-01	.8400-01	-3.576	-.2350-01
10	10.000	.87500	50.000	35.01	.3043	.1800-01	.1597	-3.819	-.4180-01
10	11.000	.85000	54.000	131.2	1.141	.6750-01	.3230-01	-3.627	-.8900-02
10	12.000	.87500	49.000	40.46	.3517	.2080-01	.1488	-3.808	-.3910-01
10	13.000	.83000	47.000	313.2	2.723	.1607	.3956	-3.264	-.1212
10	14.000	.83500	48.000	286.7	2.493	.1471	.3426	-3.317	-.1033
10	15.000	.91000	35.000	94.47	.8213	.4850-01	.4100-01	-3.701	-.1110-01
10	15.000	.99100	41.000	94.27	.8195	.4840-01	.4140-01	-3.701	-.1120-01
10	16.000	.70000	25.000	84.42	.7339	.4330-01	.6110-01	-3.721	-.1640-01
10	16.000	.85000	29.000	83.16	.7229	.4270-01	.6360-01	-3.723	-.1710-01
10	16.000	.99100	40.000	99.16	.8620	.5090-01	.3170-01	-3.691	-.8600-02
10	17.000	.99000	39.000	87.96	.7647	.4510-01	.5400-01	-3.714	-.1450-01
10	18.000	.25000	21.000	150.0	1.304	.7700-01	.6980-01	-3.590	-.1940-01
10	18.000	.50000	23.000	96.12	.8356	.4930-01	.3770-01	-3.697	-.1020-01
10	18.000	.85000	28.000	142.2	1.236	.7300-01	.5430-01	-3.605	-.1510-01
10	18.000	.98300	38.000	92.20	.8015	.4730-01	.4560-01	-3.705	-.1230-01
10	19.000	.85000	32.000	176.7	1.536	.9070-01	.1231	-3.537	-.3480-01
10	20.000	.85000	31.000	154.2	1.341	.7920-01	.7830-01	-3.581	-.2190-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP(SI)
10	1.0000	.00000	1.0000	872.8	7.585	.4477	1.512	-2.148	-7037
10	1.0000	.25000-01	2.0000	542.2	4.712	.2781	.8521	-2.808	-3035
10	1.0000	.75000-01	5.0000	261.6	2.274	.1342	.2924	-3.367	-8680-01
10	1.0000	.15000	13.000	341.0	2.963	.1749	.4506	-3.209	-1404
10	1.0000	.16000	15.000	545.8	4.743	.2800	.8593	-2.801	-3069
10	1.0000	.18000	16.000	607.1	5.276	.3114	.9817	-2.678	-3666
10	1.0000	.22000	20.000	67.93	.5903	.3480-01	-.9400-01	-3.754	.2510-01
10	1.0000	.50000	22.000	99.85	.8677	.5120-01	-.3040-01	-3.690	.8200-02
10	1.0000	.80000	26.000	173.8	1.511	.8920-01	.1172	-3.543	-.3310-01
10	2.0000	.00000	1.0000	872.8	7.585	.4477	1.512	-2.148	-7037
10	2.0000	.25000-01	3.0000	265.2	2.304	.1360	.2994	-3.360	-8910-01
10	2.0000	.50000-01	4.0000	210.9	1.832	.1082	.1911	-3.469	-5510-01
10	2.0000	.75000-01	6.0000	426.8	3.709	.2189	.6219	-3.039	-.2047
10	2.0000	.10000+00	11.000	230.6	2.004	.1183	.2304	-3.429	-.6720-01
10	2.0000	.12500	12.000	107.0	.9299	.5490-01	-.1610-01	-3.676	.4400-02
10	2.0000	.15000	14.000	160.4	1.394	.8230-01	.9040-01	-3.569	-.2530-01
10	2.0000	.50000	24.000	97.72	.8492	.5010-01	-.3460-01	-3.694	.9400-02
10	2.0000	.80000	27.000	394.7	3.430	.2024	.5578	-3.102	-.1798
10	2.0000	.85000	30.000	235.9	2.050	.1210	.2411	-3.419	-.7050-01
10	2.0000	.90000	36.000	50.32	.4373	.2580-01	-.1292	-3.789	.3410-01
10	2.0000	.95000	37.000	32.08	.2788	.1650-01	-.1656	-3.825	.4330-01
10	3.0000	.10000+00	10.000	266.1	2.313	.1365	.3013	-3.359	-.8970-01
10	4.0000	.10000+00	9.0000	327.7	2.848	.1681	.4243	-3.236	-.1311
10	5.0000	.10000+00	8.0000	363.4	3.158	.1864	.4953	-3.164	-.1565
10	6.0000	.10000+00	7.0000	407.3	3.540	.2089	.5830	-3.077	-.1895
10	7.0000	.17000	17.000	647.2	5.624	.3319	1.061	-2.598	-.4085
10	7.0000	.18000	18.000	554.1	4.815	.2842	.8758	-2.784	-.3146

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/S1
10	7.0000	.20000	19.000	221.1	1.922	.1134	.2116	-3.448	-.6140-01
10	8.0000	.83000	46.000	387.7	3.370	.1989	.5440	-3.116	-.1746
10	9.0000	.85000	52.000	146.8	1.276	.7530-01	.6330-01	-3.597	-.1760-01
10	10.000	.79000	42.000	439.5	3.819	.2254	.6472	-3.013	-.2148
10	10.000	.79500	43.000	461.2	4.008	.2366	.6906	-2.969	-.2326
10	10.000	.81000	44.000	522.9	4.544	.2682	.8136	-2.846	-.2858
10	10.000	.83000	45.000	183.8	1.597	.9430-01	.1371	-3.523	-.3890-01
10	10.000	.84000	51.000	146.0	1.269	.7490-01	.6180-01	-3.598	-.1720-01
10	10.000	.86000	53.000	151.8	1.319	.7790-01	.7330-01	-3.587	-.2040-01
10	10.000	.87500	50.000	34.62	.3009	.1780-01	-.1605	-3.820	-.4200-01
10	11.000	.85000	54.000	136.4	1.185	.6940-01	.4250-01	-3.617	-.1170-01
10	12.000	.87500	49.000	37.54	3.263	.1930-01	-.1547	-3.815	-.4050-01
10	13.000	.83000	47.000	347.9	3.023	.1785	.4645	-3.195	-.1454
10	14.000	.83500	48.000	266.7	2.318	.1368	.3025	-3.357	-.9010-01
10	15.000	.91000	35.000	107.6	.9346	.5520-01	-.1500-01	-3.675	-.4100-02
10	15.000	.99100	115.5	115.5	1.003	.5920-01	.8000-03	-3.659	-.2000-03
10	16.000	.70000	25.000	88.68	.7707	.4550-01	.5260-01	-3.713	-.1420-01
10	16.000	.85000	29.000	100.1	.8697	.5130-01	-.2990-01	-3.690	-.8100-02
10	16.000	.99100	40.000	121.1	1.052	.6210-01	.1210-01	-3.648	-.3300-02
10	17.000	.99000	39.000	99.56	.8652	.5110-01	.3090-01	-3.691	-.8400-02
10	18.000	.25000	21.000	185.9	1.616	.9540-01	.1414	-3.519	-.4020-01
10	18.000	.50000	23.000	107.7	.9360	.5520-01	-.1470-01	-3.674	-.4000-02
10	18.000	.85000	28.000	164.3	1.428	.8430-01	.9820-01	-3.562	-.2760-01
10	18.000	.98300	38.000	105.0	.9121	.5380	.01	-2.020-01	-.5500-02
10	19.000	.85000	32.000	177.5	1.543	.9110-01	.1246	-3.535	-.3520-01
10	20.000	.85000	31.000	161.8	1.406	.8300-01	.9320-01	-3.567	-.2610-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RC1804)

ORBITER FUSELAGE

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
10	1.0000	.00000	1.0000	963.3	8.376	.4944	1.693	-1.966	-.8611
10	1.0000	.25000-01	2.0000	523.7	4.553	.2688	.8158	-2.844	-.2868
10	1.0000	.75000-01	5.0000	323.5	2.813	.1661	.4163	-3.243	-.1283
10	1.0000	.15000	13.0000	446.2	3.880	.2290	.6611	-2.999	-.2205
10	1.0000	.16000	15.0000	651.2	5.662	.3342	1.070	-2.589	-.4133
10	1.0000	.18000	16.0000	715.3	6.220	.3571	1.198	-2.461	-.4868
10	1.0000	.22000	20.0000	87.20	.7582	.4480-01	-.5550-01	-3.715	-.1490-01
10	1.0000	.50000	22.0000	128.5	1.118	.6600-01	.2700-01	-3.633	-.7400-02
10	1.0000	.80000	26.0000	206.1	1.792	.1058	.1818	-3.478	-.5230-01
10	2.0000	.00000	1.0000	963.3	8.376	.4944	1.693	-1.966	-.8611
10	2.0000	.25000-01	3.0000	286.4	2.490	.1470	.3421	-3.318	-.1031
10	2.0000	.50000-01	4.0000	218.2	1.897	.1120	.2060	-3.454	-.5960-01
10	2.0000	.75000-01	6.0000	340.7	2.963	.1749	.4506	-3.209	-.1404
10	2.0000	.10000+00	11.0000	276.8	2.407	.1421	.3230	-3.337	-.9680-01
10	2.0000	.12500	12.0000	239.5	2.083	.1229	.2486	-3.411	-.7290-01
10	2.0000	.15000	14.0000	193.0	1.678	.9900-01	.1556	-3.504	-.4440-01
10	2.0000	.50000	24.0000	104.5	9.085	.5360-01	-.2100-01	-3.681	-.5700-02
10	2.0000	.80000	27.0000	402.8	3.503	.2067	.5745	-3.085	-.1862
10	2.0000	.85000	30.0000	224.2	1.950	.1151	.2180	-3.442	-.6330-01
10	2.0000	.90000	36.0000	54.98	.4781	.2820-01	-.1198	-3.780	-.3170-01
10	2.0000	.95000	37.0000	34.79	.3025	.1790-01	-.1601	-3.820	-.4190-01
10	3.0000	.10000+00	10.0000	320.0	2.783	.1642	.4092	-3.250	-.1259
10	4.0000	.10000+00	9.0000	365.7	3.180	.1877	.5003	-3.159	-.1584
10	5.0000	.10000+00	8.0000	388.8	3.381	.1996	.5466	-3.113	-.1756
10	6.0000	.10000+00	7.0000	394.8	3.433	.2026	.5585	-3.101	-.1801
10	7.0000	.17000	17.0000	768.5	6.682	.3944	1.304	-2.355	-.5539
10	7.0000	.18000	18.0000	650.3	5.655	.3338	1.059	-2.591	-.4124

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
10	7.0000	.20000	19.000	259.2	2.254	.1330	.2878	-3.372	-.8540-01
10	8.0000	.83000	46.000	392.3	3.411	.2014	.5535	-3.106	-.1782
10	9.0000	.85000	52.000	138.7	1.206	.7120-01	.4730-01	-3.613	-.1310-01
10	10.000	.79000	42.000	443.0	3.852	.2274	.6548	-3.005	-.2179
10	10.000	.79500	43.000	462.6	4.022	.2374	.6938	-2.966	-.2339
10	10.000	.81000	44.000	535.7	4.658	.2749	.8397	-2.820	-.2978
10	10.000	.83000	45.000	203.4	1.769	.1044	.1765	-3.483	-.5070-01
10	10.000	.84000	51.000	149.0	1.296	.7650-01	.6790-01	-3.592	-.1890-01
10	10.000	.86000	53.000	148.9	1.294	.7640-01	.6760-01	-3.592	-.1880-01
10	10.000	.87500	50.000	30.98	.2694	.1590-01	.1677	-3.827	.4380-01
10	11.000	.85000	54.000	133.6	1.162	.6860-01	.3710-01	-3.623	-.1030-01
10	12.000	.87500	49.000	33.05	.2874	.1700-01	.1636	-3.823	.4280-01
10	13.000	.83000	47.000	397.3	3.455	.2035	.5635	-3.096	-.1820
10	14.000	.83500	48.000	273.2	2.376	.1402	.3158	-3.344	-.9440-01
10	15.000	.91000	35.000	110.7	.9625	.5680-01	.8600-02	-3.668	.2300-02
10	16.000	.99100	41.000	108.7	.9450	.5580-01	.1260-01	-3.672	.3400-02
10	17.000	.70000	25.000	111.7	.9714	.5730-01	.6600-02	-3.666	.1800-02
10	16.000	.85000	29.000	133.3	1.159	.6840-01	.3660-01	-3.623	-.1010-01
10	16.000	.99100	40.000	144.7	1.258	.7430-01	.5930-01	-3.600	-.1650-01
10	17.000	.99000	39.000	122.8	1.068	.6300-01	.1560-01	-3.644	-.4300-02
10	18.000	.25000	21.000	225.1	1.957	.1155	.2198	-3.440	-.6390-01
10	18.000	.50000	23.000	129.6	1.127	.6650-01	.2920-01	-3.631	-.8000-02
10	18.000	.85000	28.000	187.9	1.633	.9640-01	.1454	-3.514	-.4140-01
10	18.000	.98300	38.000	127.4	1.108	.6540-01	.2480-01	-3.635	-.6800-02
10	19.000	.85000	32.000	177.6	1.544	.9110-01	.1249	-3.535	-.3530-01
10	20.000	.85000	31.000	153.5	1.335	.7880-01	.7690-01	-3.583	-.2150-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
11	1.0000	.00000	1.0000	964.1	8.383	.4948	1.695	-1.965	-.8627
11	1.0000	.25000-01	2.0000	503.9	4.382	.2586	.7763	-2.883	-.2693
11	1.0000	.75000-01	5.0000	327.0	2.843	.1678	.4231	-3.236	-.1307
11	1.0000	.15000	13.000	485.1	4.217	.2490	.7387	-2.921	-.2529
11	1.0000	.16000	15.000	659.2	5.819	.3435	1.106	-2.553	-.4333
11	1.0000	.18000	16.000	724.6	6.300	.3719	1.217	-2.443	-.4981
11	1.0000	.22000	20.000	78.56	.6831	.4030-01	-.7280-01	-3.732	.1950-01
11	1.0000	.50000	22.000	124.4	1.082	.6380-01	1.870-01	-3.641	-.5100-02
11	1.0000	.80000	26.000	143.6	1.248	.7370-01	5.700-01	-3.603	-.1580-01
11	2.0000	.00000	1.0000	964.1	8.383	.4948	1.695	-1.965	-.8627
11	2.0000	.25000-01	3.0000	291.5	2.535	.1496	.3523	-3.307	-.1065
11	2.0000	.50000-01	4.0000	213.3	1.855	.1095	.1962	-3.463	-.5670-01
11	2.0000	.75000-01	6.0000	208.2	1.810	.1069	.1860	-3.474	-.5350-01
11	2.0000	.10000+00	11.000	309.9	2.695	.1591	.3891	-3.271	-.1190
11	2.0000	.12500	12.000	224.8	1.954	.1154	.2191	-3.440	-.6370-01
11	2.0000	.15000	14.000	258.0	2.243	.1324	.2853	-3.374	-.8460-01
11	2.0000	.50000	24.000	101.7	.8847	.5220-01	-.2650-01	-3.686	-.7200-02
11	2.0000	.80000	27.000	377.0	3.278	.1935	.5231	-3.137	-.1668
11	2.0000	.85000	30.000	161.0	1.399	.8260-01	9.170-01	-3.568	-.2570-01
11	2.0000	.90000	36.000	51.83	.4507	.2660-01	-.1261	-3.786	.3330-01
11	3.0000	.95000	37.000	49.63	.4316	.2550-01	-.1305	-3.790	.3440-01
11	3.0000	.10000+00	10.000	310.3	2.698	.1593	.3898	-3.270	-.1192
11	4.0000	.10000+00	9.0000	340.6	2.961	.1748	.4503	-3.209	-.1403
11	5.0000	.10000+00	8.0000	339.9	2.955	.1744	.4488	-3.211	-.1398
11	6.0000	.10000+00	7.0000	332.5	2.891	.1706	.4341	-3.225	-.1346
11	7.0000	.17000	17.000	741.7	6.448	.3807	1.251	-2.409	-.5193
11	7.0000	.18000	18.000	575.7	5.006	.2955	.9196	-2.740	-.3356

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
11	7.0000	.20000	19.000	212.7	1.849	.1092	.1950	-3.465	-.5630-01
11	8.0000	.83000	46.000	264.1	2.296	.1356	.2976	-3.362	-.8850-01
11	9.0000	.85000	52.000	145.8	1.268	.7490-01	.6150-01	-3.598	-.1710-01
11	10.0000	.79000	42.000	350.7	3.049	.1800	.4705	-3.189	-.1475
11	10.0000	.79500	43.000	360.8	3.137	.1852	.4906	-3.169	-.1548
11	10.0000	.81000	44.000	382.9	3.329	.1965	.5347	-3.125	-.1711
11	10.0000	.83000	45.000	268.2	2.332	.1376	.3057	-3.354	-.9120-01
11	10.0000	.84000	51.000	126.6	1.101	.6500-01	.2320-01	-3.636	-.6400-02
11	10.0000	.86000	53.000	126.5	1.100	.6490-01	.2300-01	-3.637	-.6300-02
11	10.0000	.87500	50.000	21.62	.1880	.1110-01	.1864	-3.846	.4850-01
11	11.0000	.85000	54.000	126.7	1.102	.6500-01	.2340-01	-3.636	-.6400-02
11	12.0000	.87500	49.000	24.44	2.125	.1250-01	.1808	-3.840	.4710-01
11	13.0000	.83000	47.000	279.3	2.428	.1432	.3279	-3.332	-.9840-01
11	14.0000	.83500	48.000	174.4	1.516	.8950-01	.1184	-3.541	-.3340-01
11	15.0000	.91000	35.000	89.18	.7754	.4580-01	.5160-01	-3.711	.1390-01
11	15.0000	.99100	41.000	68.86	.5987	.3530-01	.9210-01	-3.752	.2460-01
11	16.0000	.70000	25.000	97.74	.8499	.5020-01	.3450-01	-3.694	.9300-02
11	16.0000	.85000	29.000	138.7	1.206	.7120-01	.4730-01	-3.612	-.1310-01
11	16.0000	.99100	40.000	127.5	1.109	.6540-01	.2490-01	-3.635	-.6900-02
11	17.0000	.99000	39.000	109.0	.9481	.6000-01	.1190-01	-3.672	.3200-02
11	18.0000	.25000	21.000	189.4	1.647	.9720-01	.1485	-3.511	-.4230-01
11	18.0000	.50000	23.000	113.9	.9900	.5840-01	.2300-02	-3.662	.6000-03
11	18.0000	.85000	28.000	154.1	1.340	.7910-01	.7800-01	-3.582	-.2180-01
11	18.0000	.98300	38.000	111.2	.9667	.5710-01	.7600-02	-3.667	.2100-02
11	19.0000	.85000	32.000	156.3	1.359	.8020-01	.8240-01	-3.577	-.2300-01
11	20.0000	.85000	31.000	121.4	1.056	.6230-01	.1280-01	-3.647	-.3500-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL B4-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(I)	CP(SI)	CP(SI)
11	1.0000	.00000	1.0000	865.2	7.525	.4442	1.498	-2.162	-.6930	
11	1.0000	.2500-01	2.0000	460.0	4.001	.2362	.6890	-2.971	-.2319	
11	1.0000	.7500-01	5.0000	266.1	2.315	.1366	.3019	-3.358	-.8990-01	
11	1.0000	.15000	13.000	362.2	3.151	.1860	.4938	-3.166	-.1560	
11	1.0000	.16000	15.000	545.3	4.743	.2800	.8594	-2.800	-.3069	
11	1.0000	.18000	16.000	613.6	5.337	.3150	.9958	-2.664	-.3738	
11	1.0000	.22000	20.000	63.23	.5500	.3250-01	-.1033	-3.763	.2750-01	
11	1.0000	.50000	22.000	114.8	.9984	.5890-01	-.4000-03	-3.660	.1000-03	
11	1.0000	.80000	26.000	104.9	.9123	.5380-01	-.2010-01	-3.680	.5500-02	
11	2.0000	.00000	1.0000	865.2	7.525	.4442	1.498	-2.162	-.6930	
11	2.0000	.25000-01	3.0000	271.3	2.360	.1393	.3122	-3.347	-.9330-01	
11	2.0000	.50000-01	4.0000	226.3	1.968	.1162	.2223	-3.438	-.6470-01	
11	2.0000	.75000-01	6.0000	431.5	3.753	.2215	.6320	-3.029	-.2087	
11	2.0000	.10000+00	11.000	225.7	1.964	.1159	.2212	-3.439	-.6430-01	
11	2.0000	.12500	12.000	81.86	.7120	.4200-01	-.6610-01	-3.726	.1770-01	
11	2.0000	.15000	14.000	191.6	1.667	.9840-01	.1531	-3.507	-.4370-01	
11	2.0000	.50000	24.000	85.39	.7428	.4380-01	-.5910-01	-3.719	.1590-01	
11	2.0000	.80000	27.000	344.2	2.994	.1767	.4578	-3.202	-.1430	
11	2.0000	.85000	30.000	140.0	1.218	.7190-01	.5000-01	-3.610	-.1390-01	
11	2.0000	.90000	36.000	44.14	.3839	.2270-01	-.1414	-3.601	.3720-01	
11	2.0000	.95000	37.000	68.03	.5917	.3490-01	-.9370-01	-3.754	.2500-01	
11	3.0000	.10000+00	10.000	238.8	2.077	.1226	.2473	-3.412	-.7250-01	
11	4.0000	.10000+00	9.0000	274.5	2.388	.1410	.3187	-3.341	-.9540-01	
11	5.0000	.10000+00	8.0000	292.7	2.546	.1503	.3549	-3.305	-.1074	
11	6.0000	.10000+00	7.0000	314.7	2.737	.1616	.3988	-3.261	-.1223	
11	7.0000	.17000	17.000	615.8	5.357	.3162	1.000	-2.660	-.3761	
11	7.0000	.18000	18.000	480.3	4.178	.2466	.7296	-2.930	-.2490	

IHI1 INTEGRATED VEHICLE PRESSURE DATA

(RG1805)

IHI1. MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
11	7.0000	.20000	19.000	179.7	1.563	.9230-01	.1293	-3.530	-.3660-01
11	8.0000	.83000	46.000	245.2	2.133	.1259	.2601	-3.400	-.7650-01
11	9.0000	.85000	52.000	122.2	1.063	.6270-01	.1450-01	-3.645	-.4000-02
11	10.000	.79000	42.000	309.2	2.690	.1588	.3879	-3.272	-.1185
11	10.000	.79500	43.000	324.1	2.819	.1664	.4175	-3.242	-.1288
11	10.000	.81000	44.000	345.9	3.009	.1776	.4611	-3.199	-.1442
11	10.000	.83000	45.000	239.1	2.080	.1228	.2479	-3.412	-.7270-01
11	10.000	.84000	51.000	106.1	.9230	.5450-01	-.1770-01	-3.677	.4800-02
11	10.000	.86000	53.000	111.9	.9738	.5750-01	-.6000-02	-3.666	.1600-02
11	10.000	.87500	50.000	22.68	.1973	.1160-01	-.1843	-3.844	.4790-01
11	11.000	.85000	54.000	111.8	.9721	.5740-01	-.6400-02	-3.666	.1700-02
11	12.000	.87500	49.000	25.13	.2186	.1290-01	-.1794	-3.839	.4670-01
11	13.000	.83000	47.000	251.5	2.188	.1291	.2727	-3.387	-.8050-01
11	14.000	.83500	48.000	184.7	1.607	.9490-01	.1394	-3.520	-.3960-01
11	15.000	.91000	35.000	88.77	.7722	.4560-01	-.5230-01	-3.712	.1410-01
11	15.000	.99100	41.000	69.99	.6088	.3590-01	-.8980-01	-3.750	.2390-01
11	16.000	.70000	25.000	71.17	.6191	.3650-01	-.8750-01	-3.747	.2330-01
11	16.000	.85000	29.000	126.2	1.098	.6480-01	.2250-01	-3.637	-.6200-02
11	16.000	.99100	40.000	96.14	.8363	.4940-01	-.3760-01	-3.697	.1020-01
11	17.000	.99000	39.000	83.82	.7291	.4300-01	-.6220-01	-3.722	.1670-01
11	18.000	.25000	21.000	166.0	1.4444	.8520-01	.1019	-3.558	-.2870-01
11	18.000	.50000	23.000	89.09	.7749	.4570-01	-.5170-01	-3.711	.1390-01
11	18.000	.85000	28.000	118.7	1.033	.6090-01	.7500-02	-3.652	-.2000-02
11	18.000	.98300	38.000	93.25	.8111	.4790-01	-.4340-01	-3.703	.1170-01
11	19.000	.85000	32.000	138.3	1.203	.7100-01	.4660-01	-3.613	-.1290-01
11	20.000	.85000	31.000	105.2	.9150	.5400-01	-.1950-01	-3.679	.5300-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

ORBITER FUSELAGE

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP1(I)	CP1(SI)	CP1/SI
11	1.0000	.00000	1.0000	790.6	6.873	.4057	1.348	-2.312	-.5833
11	1.0000	.25000-01	2.0000	1216.	10.57	.6240	2.197	-1.463	-1.502
11	1.0000	.75000-01	5.0000	212.6	1.848	.1091	.1948	-3.465	-.5620-01
11	1.0000	.15000	13.000	287.2	2.496	.1474	.3435	-3.316	-.1036
11	1.0000	.16000	15.000	447.7	3.892	.2298	.6640	-2.996	-.2217
11	1.0000	.18000	16.000	517.5	4.499	.2655	.8032	-2.856	-.2812
11	1.0000	.22000	20.000	52.05	.4525	.2670-01	-.1257	-3.785	.3320-01
11	1.0000	.50000	22.000	95.61	.8312	.4910-01	-.3880-01	-3.699	.1050-01
11	1.0000	.80000	26.000	93.25	.8107	.4790-01	-.4350-01	-3.703	.1170-01
11	2.0000	.00000	1.0000	790.6	6.873	.4057	1.348	-2.312	-.5833
11	2.0000	.25000-01	3.0000	438.1	3.808	.2248	.6447	-3.015	-.2138
11	2.0000	.50000-01	4.0000	411.4	3.576	.2111	.5915	-3.068	-.1928
11	2.0000	.75000-01	6.0000	203.0	1.765	.1042	.1756	-3.484	-.5040-01
11	2.0000	.10000+00	11.000	129.1	1.122	.6630-01	.2810-01	-3.632	-.7700-02
11	2.0000	.12500	12.000	71.94	.6254	.3690-01	-.8600-01	-3.746	.2300-01
11	2.0000	.15000	14.000	169.0	1.469	.8670-01	.1077	-3.552	-.3030-01
11	2.0000	.50000	24.000	74.30	.6459	.3810-01	-.8130-01	-3.741	-.2170-01
11	2.0000	.80000	27.000	315.7	2.745	.1620	.4005	-3.259	-.1229
11	2.0000	.85000	30.000	123.5	1.074	.6340-01	.1700-01	-3.643	-.4700-02
11	2.0000	.90000	36.000	51.65	.4490	.2650-01	-.1265	-3.786	.3340-01
11	3.0000	.95000	37.000	72.73	.6322	.3730-01	-.8440-01	-3.744	.2250-01
11	3.0000	.10000+00	10.000	122.3	1.064	.6280-01	.1460-01	-3.645	-.4000-02
11	4.0000	.10000+00	9.0000	126.7	1.102	.6500-01	.2340-01	-3.636	-.6400-02
11	5.0000	.10000+00	8.0000	145.1	1.261	.7440-01	.6000-01	-3.600	-.1670-01
11	6.0000	.10000+00	7.0000	189.1	1.644	.9700-01	.1478	-3.512	-.4210-01
11	7.0000	.17000	17.000	513.0	4.460	.2632	.7943	-2.866	-.2772
11	7.0000	.18000	18.000	414.7	3.605	.2128	.5981	-3.062	-.1953

TEST DATA

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CPI/SI
11	7.0000	.20000	19.000	161.7	1.405	.8300-01	.9310-01	-3.567	-.2610-01
11	8.0000	.83000	46.000	240.8	2.093	.1236	.2510	-3.409	-.7360-01
11	9.0000	.85000	52.000	118.8	1.032	.6090-01	.7500-02	-3.652	-.2000-02
11	10.000	.79000	42.000	304.2	2.645	.1561	.3776	-3.282	-.1151
11	10.000	.79500	43.000	315.5	2.743	.1619	.4002	-3.259	-.1228
11	10.000	.81000	44.000	329.2	2.862	.1689	.4274	-3.232	-.1322
11	10.000	.83000	45.000	225.2	1.957	.1155	.2198	-3.440	-.6390-01
11	10.000	.84000	51.000	103.3	.8983	.5300-01	-.2340-01	-3.683	.6300-02
11	10.000	.86000	53.000	113.4	.9859	.5820-01	-.3200-02	-3.663	.9000-03
11	10.000	.87500	50.000	31.12	.2705	.1600-01	-.1675	-3.827	.4380-01
11	11.000	.85000	54.000	113.0	.9826	.5800-01	-.4000-02	-3.664	.1100-02
11	12.000	.87500	49.000	31.77	.2762	.1630-01	-.1662	-3.826	.4340-01
11	13.000	.83000	47.000	230.6	2.005	.1183	.2307	-3.429	-.6730-01
11	14.000	.83500	48.000	196.5	1.709	.1009	.1627	-3.497	-.4650-01
11	15.000	.91000	35.000	97.97	.8517	.5030-01	-.3410-01	-3.694	.9200-02
11	15.000	.99100	41.000	75.65	.6576	.3880-01	-.7860-01	-3.738	.2100-01
11	16.000	.70000	25.000	61.17	.5318	.3140-01	-.1075	-3.767	.2850-01
11	16.000	.85000	29.000	107.2	.9323	.5500-01	-.1550-01	-3.675	.4200-02
11	16.000	.99100	40.000	84.31	.7329	.4330-01	-.6130-01	-3.721	.1650-01
11	17.000	.99000	39.000	74.42	.6470	.5820-01	-.8100-01	-3.741	.2170-01
11	18.000	.25000	21.000	130.4	1.134	.6690-01	.3080-01	-3.629	-.8500-02
11	18.000	.50000	23.000	75.40	.6555	.3870-01	-.7910-01	-3.739	.2120-01
11	18.000	.85000	28.000	111.3	.9679	.5710-01	-.7400-02	-3.667	.2000-02
11	18.000	.98300	38.000	79.17	.6883	.4060-01	-.7160-01	-3.731	.1920-01
11	19.000	.85000	32.000	131.9	1.147	.6770-01	.3370-01	-3.626	-.9300-02
11	20.000	.85000	31.000	101.4	.8811	.5200-01	-.2730-01	-3.687	.7400-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RAY	RAY NUMBER	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
12	1.0000	.00000	1.0000	760.4	6.612	.3902	1.288	-2.371	-.5432
12	1.0000	.25000-01	2.0000	1190.	10.35	.6110	2.147	-1.513	-1.419
12	1.0000	.75000-01	5.0000	212.9	1.851	.1093	.1953	-3.464	-.5640-01
12	1.0000	.15000	13.0000	291.0	2.531	.1484	.3514	-3.308	-.1062
12	1.0000	.16000	15.0000	435.8	3.790	.2237	.6405	-3.019	-.2121
12	1.0000	.18000	16.0000	514.2	4.471	.2639	.7968	-2.863	-.2783
12	1.0000	.22000	20.0000	56.66	.4927	.2910-01	.1165	-3.776	-.3080-01
12	1.0000	.50000	22.0000	78.66	.6840	.4040-01	-.7260-01	-3.732	.1940-01
12	2.0000	.80000	26.0000	138.4	1.203	.7100-01	.4670-01	-3.613	-.1290-01
12	2.0000	.00000	1.0000	760.4	6.612	.3902	1.288	-2.371	-.5432
12	2.0000	.25000-01	3.0000	246.7	2.145	.1266	.2629	-3.397	-.7740-01
12	2.0000	.50000-01	4.0000	341.6	2.971	.1753	.4524	-3.207	-.1411
12	2.0000	.75000-01	6.0000	362.2	3.149	.1859	.4933	-3.166	-.1558
12	2.0000	.10000+00	11.0000	161.1	1.401	.8270-01	.9200-01	-3.568	-.2580-01
12	2.0000	.12500	12.0000	47.62	.4141	.2440-01	.1345	-3.794	.3540-01
12	2.0000	.15000	14.0000	158.6	1.379	.8140-01	.8700-01	-3.573	-.2430-01
12	2.0000	.50000	24.0000	78.35	.6812	.4020-01	-.7350-01	-3.733	-.1960-01
12	2.0000	.80000	27.0000	374.6	3.257	.1922	.5181	-3.142	-.1649
12	2.0000	.85000	30.0000	181.0	1.574	.9290-01	.1318	-3.528	-.3740-01
12	2.0000	.90000	36.0000	37.25	.3239	.1910-01	.1552	-3.815	.4070-01
12	3.0000	.95000	37.0000	71.59	.6225	.3670-01	-.8670-01	-3.746	.2310-01
12	4.0000	.10000+00	10.0000	152.4	1.325	.7820-01	.7470-01	-3.585	-.2080-01
12	4.0000	.10000+00	9.0000	162.5	1.413	.8340-01	.9480-01	-3.565	-.2660-01
12	5.0000	.10000+00	8.0000	169.4	1.473	.8690-01	.1086	-3.551	-.3060-01
12	6.0000	.10000+00	7.0000	184.3	1.602	.9460-01	.1382	-3.521	-.3930-01
12	7.0000	.17000	17.0000	480.6	4.179	.2466	.7297	-2.330	-.2490
12	7.0000	.18000	18.0000	332.8	2.894	.1708	.4348	-3.225	-.1348

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
12	7.0000	.20000	19.000	121.2	1.054	.6220-01	.1230-01	-3.648	-.3400-02
12	8.0000	.85000	46.000	322.1	2.801	.1653	.4134	-3.246	-.1273
12	9.0000	.85000	52.000	100.2	.8717	.5150-01	-.2940-01	-3.689	.8000-02
12	10.000	.79000	42.000	347.2	3.019	.1782	.4636	-3.196	-.1450
12	10.000	.79500	43.000	369.2	3.210	.1895	.5073	-3.152	-.1609
12	10.000	.81000	44.000	385.2	3.350	.1977	.5394	-3.120	-.1729
12	10.000	.83000	45.000	260.4	2.264	.1336	.2902	-3.370	-.8610-01
12	10.000	.84000	51.000	78.61	.6836	.4030-01	-.7260-01	-3.732	.1950-01
12	10.000	.86000	53.000	92.07	.8005	.4730-01	-.4580-01	-3.706	.1240-01
12	10.000	.87500	50.000	33.26	.2892	.1710-01	-.1632	-3.823	.4270-01
12	11.000	.85000	54.000	97.24	.8455	.4940-01	-.3550-01	-3.695	.9600-02
12	12.000	.87500	49.000	31.66	.2753	.1630-01	-.1664	-3.826	.4350-01
12	13.000	.83000	47.000	143.1	1.244	.7340-01	.5600-01	-3.604	-.1550-01
12	14.000	.83500	48.000	84.54	.7351	.4340-01	-.6080-01	-3.721	.1630-01
12	15.000	.91000	35.000	78.03	.6785	.4000-01	-.7380-01	-3.734	.1980-01
12	15.000	.91000	41.000	55.84	.4856	.2870-01	-.1181	-3.778	.3130-01
12	16.000	.70000	25.000	65.07	.5658	.3340-01	-.9970-01	-3.759	.2650-01
12	16.000	.85000	29.000	104.6	.9094	.5370-01	-.2080-01	-3.681	.5600-02
12	16.000	.99100	40.000	77.39	.6729	.7970-01	-.7510-01	-3.735	.2010-01
12	17.000	.99000	39.000	70.33	.6116	.3610-01	-.8920-01	-3.749	.2380-01
12	18.000	.25000	21.000	123.1	1.071	.6320-01	.1620-01	-3.644	-.4500-02
12	18.000	.50000	23.000	66.09	.5747	.3390-01	-.9760-01	-3.757	.2600-01
12	18.000	.85000	28.000	93.67	.8145	.4810-01	-.4260-01	-3.702	.1150-01
12	18.000	.98300	38.000	80.47	.6997	.4130-01	-.6890-01	-3.729	.1850-01
12	19.000	.85000	32.000	172.2	1.497	.8840-01	.1141	-3.546	-.3220-01
12	20.000	.85000	31.000	87.15	.7578	.4470-01	-.5560-01	-3.715	.1500-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
12	1.0000	.00000	1.0000	874.1	7.605	.4489	1.516	-2.143	-.7074
12	1.0000	.25000-01	2.0000	1169.	10.17	.6005	2.106	-1.554	-1.355
12	1.0000	.75000-01	5.0000	263.3	2.291	.1352	.2964	-3.363	-.8810-01
12	1.0000	.15000	13.000	354.5	3.084	.1821	.4785	-3.181	-.1504
12	1.0000	.16000	15.000	535.5	4.659	.2750	.8400	-2.820	-.2979
12	1.0000	.18000	16.000	608.8	5.296	.3126	.9863	-2.673	-.3689
12	1.0000	.22000	20.000	68.19	.5933	.3500-01	-.9340-01	-3.753	-.2490-01
12	1.0000	.50000	22.000	97.66	.8497	.5020-01	-.3450-01	-3.694	-.9300-02
12	1.0000	.80000	26.000	174.6	1.519	.8970-01	.1192	-3.540	-.3370-01
12	2.0000	.00000	1.0000	874.1	7.605	.4489	1.516	-2.143	-.7074
12	2.0000	.25000-01	3.0000	262.9	2.287	.1350	.2955	-3.364	-.8780-01
12	2.0000	.50000-01	4.0000	189.8	1.651	.9750-01	.1495	-3.510	-.4260-01
12	2.0000	.75000-01	6.0000	409.6	3.563	.2104	.5885	-3.071	-.1916
12	2.0000	.10000*00	11.000	267.4	2.327	.1373	.3046	-3.355	-.9080-01
12	2.0000	.12500	12.000	153.8	1.338	.7900-01	.7760-01	-3.582	-.2170-01
12	2.0000	.15000	14.000	168.9	1.469	.8670-01	1.077	-3.552	-.3030-01
12	2.0000	.50000	24.000	85.64	1.751	.4400-01	-.5850-01	-3.718	-.1570-01
12	2.0000	.80000	27.000	365.5	3.180	.1877	.5005	-3.159	-.1584
12	2.0000	.85000	30.000	173.0	1.505	.8880-01	.1159	-3.544	-.3270-01
12	2.0000	.90000	37.30	37.30	.3245	.1920-01	-.1551	-3.815	-.4070-01
12	3.0000	.95000	37.000	55.77	.4852	.2860-01	-.1182	-3.778	-.3130-01
12	3.0000	.10000*00	10.000	242.9	2.113	.1247	.2556	-3.404	-.7510-01
12	4.0000	.10000*00	9.0000	246.8	2.147	.1267	.2633	-3.396	-.7750-01
12	5.0000	.10000*00	8.0000	256.0	2.227	.1314	.2816	-3.378	-.8340-01
12	6.0000	.10000*00	7.0000	242.7	2.111	.1246	.2551	-3.405	-.7490-01
12	7.0000	.17000	17.000	581.8	5.062	.2988	.9325	-2.727	-.3419
12	7.0000	.18000	18.000	401.3	3.492	.2061	.5721	-3.088	-.1853

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/S1
12	7.0000	.20000	19.000	144.1	1.254	.7400-01	.5830-01	-3.601	-.1620-01
12	8.0000	.83000	46.000	350.0	3.045	.1798	.4695	-3.190	-.1472
12	9.0000	.85000	52.000	108.6	.9450	.5580-01	-.1260-01	-3.672	.3400-02
12	10.000	.79000	42.000	367.6	3.198	.1888	.5047	-3.155	-.1600
12	10.000	.79500	43.000	401.1	3.490	.2060	.5716	-3.088	-.1851
12	10.000	.81000	44.000	447.0	3.889	.2295	.6632	-2.996	-.2213
12	10.000	.83000	45.000	296.1	2.576	.1521	.3618	-3.298	-.1097
12	10.000	.84000	51.000	93.09	.8098	.4780-01	-.4370-01	-3.703	.1180-01
12	10.000	.86000	53.000	99.77	.8680	.5120-01	.3030-01	-3.690	.8200-02
12	10.000	.87500	50.000	25.13	.2187	.1290-01	-.1794	-3.839	.4670-01
12	11.000	.85000	54.000	112.7	.9802	.5790-01	-.4600-02	-3.664	.1200-02
12	12.000	.87500	49.000	26.73	.2326	.1370-01	.1762	-3.836	.4590-01
12	13.000	.83000	47.000	184.8	1.607	.9490-01	.1394	-3.520	-.3960-01
12	14.000	.83500	48.000	89.04	.7746	.4570-01	-.5170-01	-3.711	.1390-01
12	15.000	.91000	35.000	69.29	.6028	.3560-01	-.9120-01	-3.751	.2430-01
12	16.000	.99100	41.000	66.17	.5757	.3400-01	-.9740-01	-3.757	.2590-01
12	16.000	.70000	25.000	73.14	.6363	.3760-01	.8350-01	-3.743	.2230-01
12	16.000	.85000	29.000	101.7	.8845	.5220-01	-.2650-01	-3.686	.7200-02
12	16.000	.99100	40.000	99.30	.8639	.5100-01	-.3120-01	-3.691	.8500-02
12	17.000	.99000	39.000	78.40	.6821	.4030-01	.7300-01	-3.733	.1960-01
12	18.000	.25000	21.000	117.5	1.022	.6030-01	.5000-02	-3.655	-.1400-02
12	18.000	.50000	23.000	84.62	.7362	.4350-01	-.6060-01	-3.720	.1630-01
12	18.000	.85000	28.000	125.2	1.089	.6430-01	.2040-01	-3.639	-.5600-02
12	18.000	.98300	38.000	82.81	.7204	.4250-01	-.6420-01	-3.724	.1720-01
12	19.000	.85000	32.000	177.3	1.542	.9100-01	.1245	-3.535	-.3520-01
12	20.000	.85000	31.000	72.28	.6288	.3710-01	-.8920-01	-3.745	.2280-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	P0 PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
12	1.0000	.00000	1.0000	977.1	8.500	.5018	1.722	-1.938	-.8886
12	1.0000	.25000-01	2.0000	1158.	10.08	.5948	2.084	-1.576	-1.322
12	1.0000	.75000-01	5.0000	318.7	2.773	.1637	.4070	-3.253	-.1251
12	1.0000	.15000	13.000	466.1	4.055	.2394	.7014	-2.958	-.2371
12	1.0000	.16000	15.000	635.2	5.526	.3262	1.039	-2.621	-.3965
12	1.0000	.18000	16.000	714.4	6.215	.3669	1.197	-2.462	-.4862
12	1.0000	.22000	20.000	86.33	.7511	.4430-01	-.5710-01	-3.717	.1540-01
12	1.0000	.50000	22.000	127.2	1.106	.6530-01	.2440-01	-3.635	-.6700-02
12	1.0000	.80000	26.000	204.1	1.776	.1048	1.781	-3.482	-.5110-01
12	2.0000	.00000	1.0000	977.1	8.500	.5018	1.722	-1.938	-.8886
12	2.0000	.25000-01	3.0000	282.7	2.460	.1452	.3351	-3.324	-.1008
12	2.0000	.50000-01	4.0000	177.9	1.548	.9140-01	1.258	-3.534	-.3560-01
12	2.0000	.75000-01	6.0000	178.4	1.552	.9160-01	1.268	-3.533	-.3590-01
12	2.0000	.10000+00	11.000	335.5	2.918	.1723	4.404	-3.219	-.1368
12	2.0000	.12500	12.000	257.5	2.240	.1322	.2848	-3.375	-.8440-01
12	2.0000	.15000	14.000	165.8	1.443	.8520-01	.1017	-3.558	-.2860-01
12	2.0000	.50000	24.000	97.25	.8461	.4990-01	-.3530-01	-3.695	-.9600-02
12	2.0000	.80000	27.000	364.4	3.170	.1871	.4982	-3.162	-.1576
12	2.0000	.85000	30.000	166.8	1.451	.8560-01	.1035	-3.556	-.2910-01
12	2.0000	.90000	36.000	42.34	.3683	.2170-01	.1450	-3.805	-.3810-01
12	2.0000	.95000	37.000	44.69	.3888	.2300-01	-.1403	-3.800	-.3690-01
12	3.0000	.10000+00	10.000	320.7	2.790	.1647	4.109	-3.249	-.1265
12	4.0000	.10000+00	9.0000	286.3	2.491	.1471	.3424	-3.317	-.1032
12	5.0000	.10000+00	8.0000	261.7	2.277	.1344	.2931	-3.367	-.8710-01
12	6.0000	.10000+00	7.0000	259.4	2.257	.1332	.2885	-3.371	-.8560-01
12	7.0000	.17000	17.000	683.9	5.950	.1362	1.136	-2.523	-.4503
12	7.0000	.18000	18.000	487.2	4.238	.2502	.7434	-2.916	-.2549

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
12	7.0000	.20000	19.000	174.6	1.519	.8970-01	.1192	-3.540	-.3370-01
12	8.0000	.83000	46.000	392.7	3.416	.2017	.5547	-3.105	-.1787
12	9.0000	.85000	52.000	115.2	1.002	.5920-01	.5000-03	-3.659	-.1000-03
12	10.000	.79000	42.000	414.4	3.605	.2128	.5981	-3.062	-.1954
12	10.000	.79500	43.000	479.8	4.174	.2464	.7287	-2.931	-.2486
12	10.000	.81000	44.000	543.2	4.726	.2790	.8554	-2.804	-.3050
12	10.000	.83000	45.000	299.3	2.604	.1537	.3683	-3.291	-.1119
12	10.000	.84000	51.000	111.2	.9672	.5710-01	-.7500-02	-3.667	.2100-02
12	10.000	.86000	53.000	110.7	.9631	.5680-01	.8500-02	-3.668	.2300-02
12	10.000	.87500	50.000	19.53	.1699	.1000-01	.1906	-3.850	.4950-01
12	11.000	.85000	54.000	114.2	.9934	.5860-01	-.1500-02	-3.661	.4000-03
12	12.000	.87500	49.000	22.44	.1953	.1150-01	.1847	-3.844	.4810-01
12	13.000	.83000	47.000	230.9	2.009	.1180	.2317	-3.428	-.6760-01
12	14.000	.83500	48.000	103.6	.9017	.5320-01	-.2260-01	-3.682	.6100-02
12	15.000	.91000	35.000	65.20	.5672	.3350-01	-.9940-01	-3.759	.2640-01
12	15.000	.99100	41.000	73.16	.6365	.3760-01	-.8350-01	-3.743	.2230-01
12	16.000	.70000	25.000	100.5	8741	.5160-01	-.2890-01	-3.689	.7800-02
12	16.000	.85000	29.000	120.7	1.050	.6200-01	.1160-01	-3.648	-.3200-02
12	16.000	.99100	40.000	124.7	1.085	.6400-01	.1950-01	-3.640	-.5400-02
12	17.000	.99000	39.000	103.0	.8959	.5290-01	-.2390-01	-3.684	.6500-02
12	18.000	.25000	21.000	127.0	1.105	.6520-01	.2410-01	-3.636	-.6600-02
12	18.000	.50000	23.000	108.5	.9438	.5570-01	-.1290-01	-3.673	.3500-03
12	18.000	.85000	28.000	160.6	1.398	.8250-01	.9130-01	-3.568	-.2560-01
12	18.000	.98300	38.000	92.22	.8023	.4740-01	-.4540-01	-3.705	.1220-01
12	19.000	.85000	32.000	184.7	1.607	.9480-01	.1393	-3.520	-.3960-01
12	20.000	.85000	31.000	70.77	.6157	.3630-01	-.8820-01	-3.748	.2350-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

ORBITER FUSELAGE

IHI1, MODEL 84-OT, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP/SI
21	1.0000	.0000	1.0000	954.5	8.300	.4900	1.675	-1.984	-.8449
21	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
21	1.0000	.75000-01	5.0000	318.1	2.766	.1633	.4055	-3.254	-.1246
21	1.0000	.15000	13.000	455.1	3.957	.2336	.6790	-2.981	-.2278
21	1.0000	.16000	15.000	640.1	5.566	.3286	1.048	-2.611	-.4015
21	1.0000	.18000	16.000	711.2	6.184	.3651	1.190	-2.469	-.4820
21	1.0000	.22000	20.000	87.38	.7598	.4490-01	-.5510-01	3.715	.1480-01
21	1.0000	.50000	22.000	117.0	1.017	.6010-01	4.000-02	3.655	-.1100-02
21	1.0000	.80000	26.000	185.7	1.615	.9530-01	1.412	-3.518	-.4010-01
21	2.0000	.00000	1.0000	954.5	8.300	.4900	1.676	-1.984	-.8449
21	2.0000	.25000-01	3.0000	277.5	2.413	.1424	.3244	-3.335	-.9730-01
21	2.0000	.50000-01	4.0000	177.2	1.541	.9100-01	.1243	-3.535	-.3520-01
21	2.0000	.75000-01	6.0000	186.8	1.625	.9590-01	1.434	-3.515	-.4080-01
21	2.0000	.10000+00	11.000	223.2	1.941	.1146	.2160	-3.444	-.6270-01
21	2.0000	.12500	12.000	125.9	1.095	.6460-01	2.170-01	-3.638	-.6000-02
21	2.0000	.15000	14.000	236.7	2.058	.1215	.2430	-3.417	-.7110-01
21	2.0000	.50000	24.000	91.07	.7919	.4680-01	-.4780-01	-3.707	-.1290-01
21	2.0000	.60000	27.000	271.7	2.363	.1395	.3129	-3.347	-.9350-01
21	2.0000	.85000	30.000	198.1	1.722	.1017	.1658	-3.494	-.4750-01
21	2.0000	.90000	36.000	48.81	.4244	.2510-01	-.1321	-3.792	-.3490-01
21	2.0000	.95000	37.000	51.71	.4436	.2620-01	-.1277	-3.787	-.3370-01
21	3.0000	.10000+00	10.000	239.3	2.081	.1228	.2482	-3.411	-.7270-01
21	4.0000	.10000+00	9.0000	192.4	1.673	.9880-01	1.545	-3.505	-.4410-01
21	5.0000	.10000+00	8.0000	193.0	1.679	.9910-01	1.558	-3.504	-.4450-01
21	6.0000	.10000+00	7.0000	183.5	1.595	.9420-01	1.367	-3.523	-.3880-01
21	7.0000	.17000	17.000	761.4	6.621	.3908	1.290	-2.369	-.5447
21	7.0000	.18000	18.000	648.4	5.638	.3329	1.065	-2.595	-.4104

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
21	7.0000	.20000	19.000	260.5	2.265	.1337	.2905	-3.369	-.8620-01
21	8.0000	.83000	46.000	300.6	2.614	.1543	.3706	-3.289	-.1127
21	9.0000	.85000	52.000	148.6	1.292	.7630-01	.6700-01	-3.593	-.1860-01
21	10.000	.79000	42.000	245.6	2.136	.1261	.2607	-3.399	-.7670-01
21	10.000	.79500	43.000	270.4	2.352	.1388	.3103	-3.349	-.9270-01
21	10.000	.81000	44.000	326.3	2.837	.1675	.4218	-3.238	-.1303
21	10.000	.83000	45.000	222.1	1.931	.1140	.2138	-3.446	-.6210-01
21	10.000	.84000	51.000	133.1	1.158	.6830-01	.3620-01	-3.623	-.1000-01
21	10.000	.86000	53.000	130.4	1.134	.6690-01	.3080-01	-3.629	-.8500-02
21	10.000	.87500	50.000	29.78	.2590	.1530-01	.1701	-3.830	.4440-01
21	11.000	.85000	54.000	119.6	1.040	.6140-01	.9200-02	-3.650	-.2500-02
21	12.000	.87500	49.000	31.29	.2721	.1610-01	-.1671	-3.827	.4370-01
21	13.000	.83000	47.000	249.8	2.173	.1282	.2692	-3.390	-.7940-01
21	14.000	.83500	48.000	159.5	1.387	.8190-01	.8880-01	-3.571	-.2490-01
21	15.000	.91000	35.000	101.1	.8794	.5190-01	-.2770-01	-3.687	.7500-02
21	15.000	.99100	41.000	57.62	.5010	.2960-01	-.1146	-3.774	.3040-01
21	16.000	.70000	25.000	115.4	1.004	.5930-01	.8000-03	-3.659	-.2000-03
21	16.000	.85000	29.000	137.5	1.196	.7060-01	.4490-01	-3.615	-.1240-01
21	16.000	.99100	40.000	152.3	1.324	.7820-01	.7450-01	-3.585	-.2080-01
21	17.000	.99000	39.000	130.3	1.133	.6690-01	.3060-01	-3.629	-.8400-02
21	18.000	.25000	21.000	158.9	1.381	.8160-01	.8760-01	-3.572	-.2450-01
21	18.000	.50000	23.000	142.0	1.235	.7290-01	.5390-01	-3.606	-.1490-01
21	18.000	.85000	28.000	193.0	1.679	.9910-01	.1558	-3.504	.4450-01
21	18.000	.98300	38.000	132.5	1.153	.6800-01	.3500-01	-3.625	-.9700-02
21	19.000	.85000	32.000	192.7	1.676	.9890-01	.1552	-3.504	-.4430-01
21	20.000	.85000	31.000	124.3	1.081	.6380-01	.1860-01	-3.641	-.5100-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-0T, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(I)	CP(S)	CP1/S1
21	1.0000	.00000	1.0000	868.9	7.556	.4461	1.505	-2.154	-.6987
21	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
21	1.0000	.75000-01	5.0000	261.9	2.278	.1345	.2934	-3.366	-.8720-01
21	1.0000	.15000	13.000	343.0	2.982	.1761	.4551	-3.204	-.1420
21	1.0000	.16000	15.000	542.3	4.716	.5784	.8532	-2.806	-.3040
21	1.0000	.18000	16.000	608.1	5.288	.3122	.9845	-2.675	-.3680
21	1.0000	.22000	20.000	68.62	.5967	.3520-01	-.9260-01	-3.752	.2470-01
21	1.0000	.50000	22.000	94.63	.8229	.4860-01	-.4070-01	-3.700	.1100-01
21	1.0000	.80000	26.000	160.5	1.396	.8240-01	.9080-01	-3.569	-.2540-01
21	2.0000	.00000	1.0000	868.9	7.556	.4461	1.505	-2.154	-.6987
21	2.0000	.25000-01	3.0000	262.3	2.281	.1347	.2942	-3.365	-.8740-01
21	2.0000	.50000-01	4.0000	163.0	1.417	.8370-01	.9580-01	-3.564	-.2690-01
21	2.0000	.75000-01	6.0000	162.7	1.415	.8350-01	.9520-01	-3.564	-.2670-01
21	2.0000	.10000*00	11.000	196.6	1.709	.1009	.1628	-3.497	-.4660-01
21	2.0000	.12500	12.000	60.84	.5290	.3120-01	-.1081	-3.768	-.2870-01
21	2.0000	.15000	14.000	220.3	1.916	.1131	.2102	-3.449	-.6090-01
21	2.0000	.50000	24.000	101.5	.8823	.5210-01	-.2700-01	-3.687	-.7300-02
21	2.0000	.80000	27.000	308.9	2.687	.1586	.3872	-3.272	-.1183
21	2.0000	.85000	30.000	206.5	1.796	.1060	.1828	-3.477	-.5260-01
21	2.0000	.90000	36.000	48.81	.4245	.2510-01	-.1321	-3.792	-.3480-01
21	2.0000	.95000	37.000	44.88	.3903	.2300-01	-.1400	-3.799	-.3680-01
21	3.0000	.10000*00	10.000	191.9	1.669	.9850-01	.1536	-3.506	-.4380-01
21	4.0000	.10000*00	9.0000	173.6	1.510	.8910-01	.1170	-3.542	-.3300-01
21	5.0000	.10000*00	8.0000	174.0	1.513	.8930-01	.1178	-3.542	-.3330-01
21	6.0000	.10000*00	7.0000	177.1	1.540	.9090-01	.1239	-3.536	-.3500-01
21	7.0000	.17000	17.000	646.2	5.619	.3317	1.060	-2.599	-.4080
21	7.0000	.18000	18.000	562.5	4.891	.2887	.8933	-2.766	-.3230

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
21	7.0000	.20000	19.000	219.1	1.905	.1125	.2079	-3.452	-.6020-01
21	8.0000	.83000	46.000	333.8	2.903	.1714	.4369	-3.223	-.1356
21	9.0000	.95000	52.000	151.5	1.317	.7780-01	.7280-01	-3.587	-.2030-01
21	10.0000	.79000	42.000	314.5	2.734	.1614	.3982	-3.261	-.1221
21	10.0000	.79500	43.000	341.0	2.965	.1750	.4511	-3.208	-.1406
21	10.0000	.81000	44.000	425.2	3.698	.2183	.6194	-3.040	-.2037
21	10.0000	.83000	45.000	239.4	2.082	.1229	.2484	-3.411	-.7280-01
21	10.0000	.84000	51.000	137.2	1.193	.7040-01	.4430-01	-3.615	-.1230-01
21	10.0000	.86000	53.000	147.8	1.285	.7590-01	.6550-01	-3.594	-.1820-01
21	10.0000	.87500	50.000	29.69	.2582	.1520-01	.1703	-3.830	-.4450-01
21	11.0000	.85000	54.000	133.2	1.159	.6840-01	.3640-01	-3.623	-.1000-01
21	12.0000	.87500	49.000	31.01	.2696	.1590-01	.1677	-3.827	-.4380-01
21	13.0000	.83000	47.000	250.2	2.176	.1284	.2700	-3.389	-.7960-01
21	14.0000	.83500	48.000	198.1	1.723	.1017	.1660	-3.494	-.4750-01
21	15.0000	.91000	35.000	106.5	.9261	.5470-01	.1700-01	-3.676	-.4600-02
21	15.0000	.99100	41.000	49.16	.4275	.2520-01	.1314	-3.791	-.3470-01
21	16.0000	.70000	25.000	95.89	.8338	.4920-01	.3820-01	-3.698	-.1030-01
21	16.0000	.85000	29.000	101.5	.8823	.5210-01	.2700-01	-3.687	-.7300-02
21	16.0000	.99100	40.000	121.6	1.057	.6240-01	.1310-01	-3.646	-.3600-02
21	17.0000	.99000	39.000	100.4	.8732	.5150-01	.2910-01	-3.689	-.7900-02
21	18.0000	.25000	21.000	143.8	1.251	.7380-01	.5760-01	-3.602	-.1600-01
21	18.0000	.50000	23.000	127.1	1.105	.6520-01	.2410-01	-3.635	-.6600-02
21	18.0000	.85000	28.000	162.7	1.415	.8350-01	.9520-01	-3.564	-.2670-01
21	18.0000	.98300	38.000	107.5	.9350	.5520-01	.1490-01	-3.674	-.4100-02
21	19.0000	.85000	32.000	181.1	1.575	.9300-01	.1319	-3.528	-.3740-01
21	20.0000	.85000	31.000	159.7	1.389	.8200-01	.8920-01	-3.570	-.2500-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, ORBITER FUSELAGE

PAGE 81
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ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
21	1.0000	.00000	1.0000	775.9	6.745	.3982	1.319	-2.341	-2.341	-.5635
21	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
21	1.0000	.75000-01	5.0000	213.0	1.851	1.093	1.955	-3.464	-3.464	-.5640-01
21	1.0000	.15000	13.000	266.2	2.314	1.366	.3017	3.358	3.358	-.8980-01
21	1.0000	.16000	15.000	444.0	3.859	.2278	.6565	-3.003	-3.003	-.2186
21	1.0000	.18000	16.000	510.6	4.439	.2620	.7895	-2.870	-2.870	-.2751
21	1.0000	.22000	20.000	54.93	.4775	.2820-01	-.1199	3.780	3.780	.3170-01
21	1.0000	.50000	22.000	78.76	.6846	.4040-01	-.7240-01	-3.732	-3.732	.1940-01
21	1.0000	.80000	26.000	141.2	1.227	.7240-01	.5220-01	-3.607	-3.607	-.1450-01
21	2.0000	.00000	1.0000	775.9	6.745	.3982	1.319	-2.341	-2.341	-.5635
21	2.0000	.25000-01	3.0000	250.2	2.175	1.284	.2697	3.390	3.390	-.7960-01
21	2.0000	.50000-01	4.0000	159.1	1.383	.8160-01	.8800-01	-3.572	-3.572	-.2460-01
21	2.0000	.75000-01	6.0000	160.4	1.394	.8230-01	.9050-01	-3.569	-3.569	-.2530-01
21	2.0000	.10000+00	11.000	283.0	2.460	.1452	.3353	-3.324	-3.324	-.1009
21	2.0000	.12500	12.000	50.14	.4358	.2570-01	-.1295	3.789	3.789	.3420-01
21	2.0000	.15000	14.000	149.7	1.302	.7680-01	.6930-01	-3.590	-3.590	-.1930-01
21	2.0000	.50000	24.000	117.1	1.018	.6010-01	.4200-02	-3.655	-3.655	-.1100-02
21	2.0000	.80000	27.000	427.5	3.716	.2194	.6235	-3.036	-3.036	-.2094
21	2.0000	.85000	30.000	233.7	2.032	.1199	.2369	-3.423	-3.423	-.6920-01
21	2.0000	.90000	36.000	51.94	.4516	.2670-01	-.1259	3.785	3.785	.3330-01
21	3.0000	.95000	37.000	37.40	.3251	.1920-01	-.1549	-3.815	-3.815	.4060-01
21	3.0000	.10000+00	10.000	278.4	2.420	.9420-01	.3260	-3.334	-3.334	-.9780-01
21	4.0000	.10000+00	9.0000	183.5	1.595	.9420-01	.1366	-3.523	-3.523	-.3880-01
21	5.0000	.10000+00	8.0000	190.9	1.659	.9790-01	.1514	-3.508	-3.508	-.4310-01
21	6.0000	.10000+00	7.0000	185.8	1.615	.9530-01	.1412	-3.518	-3.518	-.4010-01
21	7.0000	.17000	17.000	548.8	4.771	.2816	.8658	-2.794	-2.794	-.3099
21	7.0000	.18000	18.000	483.7	4.205	.2482	.7359	-2.924	-2.924	-.2517

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
21	7.0000	.20000	19.000	191.4	1.664	.9820-01	.1525	-3.507	-.4350-01
21	8.0000	.83000	46.000	382.6	3.326	.1963	.5340	-3.126	-.1709
21	9.0000	.85000	52.000	163.2	1.419	.8370-01	.9610-01	-3.563	-.2700-01
21	10.000	.79000	42.000	466.4	4.054	.2393	.7013	-2.958	-.2370
21	10.000	.79500	43.000	522.3	4.541	.2680	.8129	-2.847	-.2655
21	10.000	.81000	44.000	558.7	4.857	.2867	.8854	-2.774	-.3192
21	10.000	.83000	45.000	195.8	1.703	.1005	.1613	-3.498	-.4610-01
21	10.000	.84000	51.000	154.8	1.346	.7940-01	.7940-01	-3.580	-.2220-01
21	10.000	.86000	53.000	170.9	1.486	.8770-01	.1115	-3.548	-.3140-01
21	10.000	.87500	50.000	37.11	.3226	.1900-01	-.1555	-3.815	-.4080-01
21	11.000	.85000	54.000	129.4	1.125	.6640-01	.2860-01	-3.631	-.7900-02
21	12.000	.87500	49.000	38.15	.3316	.1960-01	-.1534	-3.813	-.4020-01
21	13.000	.83000	47.000	280.4	2.437	.1435	.3300	-3.330	-.9910-01
21	14.000	.83500	48.000	270.5	2.351	.1388	.3103	-3.349	-.9260-01
21	15.000	.91000	35.000	85.75	.7455	.4400-01	-.5840-01	-3.718	-.1570-01
21	15.000	.99100	41.000	72.04	.6263	.3700-01	-.8580-01	-3.745	-.2290-01
21	16.000	.70000	25.000	86.93	.7557	.4460-01	-.5610-01	-3.716	-.1510-01
21	16.000	.85000	29.000	80.41	.6990	.4130-01	-.6910-01	-3.729	-.1850-01
21	16.000	.99100	40.000	89.74	.7801	.4510-01	-.5050-01	-3.710	-.1360-01
21	17.000	.99000	39.000	85.69	.7449	.4400-01	-.5860-01	-3.718	-.1570-01
21	18.000	.25000	21.000	138.1	1.201	.7090-01	.4610-01	-3.613	-.1270-01
21	18.000	.50000	23.000	120.0	1.043	.6160-01	.9800-02	-3.650	-.2700-02
21	18.000	.85000	28.000	130.2	1.132	.6680-01	.3040-01	-3.629	-.8400-02
21	18.000	.98300	38.000	90.71	.7885	.4650-01	-.4860-01	-3.708	-.1310-01
21	19.000	.85000	32.000	186.0	1.617	.9540-01	.1416	-3.518	-.4030-01
21	20.000	.85000	31.000	184.4	1.603	.9460-01	.1385	-3.521	-.3930-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OT. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
16	1.0000	.00000	1.0000	628.3	9.248	.2560	1.319	-4.299	-.3068
16	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
16	1.0000	.75000-01	5.0000	148.0	2.178	.6030-01	.1884	-5.429	-.3470-01
16	1.0000	.15000	13.000	161.6	2.379	.6580-01	.2204	-5.397	-.4080-01
16	1.0000	.16000	15.000	333.2	4.904	.1357	.6242	-4.993	-.1250
16	1.0000	.18000	16.000	404.4	5.952	.1647	.7918	-4.826	-.1641
16	1.0000	.22000	20.000	37.55	.9527	.1530-01	-.7150-01	-5.689	.1260-01
16	1.0000	.50000	46.12	.6789	.6789	.1880-01	-.5130-01	-5.669	.9100-02
16	1.0000	.80000	83.81	1.234	1.234	.3410-01	.3730-01	-5.580	-.6700-02
16	2.0000	.00000	1.0000	628.3	9.248	.2560	1.319	-4.299	-.3068
16	2.0000	.25000-01	3.0000	176.2	2.593	.7180-01	.2547	-5.363	-.4750-01
16	2.0000	.50000-01	4.0000	108.2	1.593	.4410-01	.9470-01	-5.523	-.1720-01
16	2.0000	.75000-01	6.0000	105.6	1.554	.4300-01	.8860-01	-5.529	-.1600-01
16	2.0000	.10000+00	11.000	103.6	1.525	.4220-01	.8400-01	-5.534	-.1520-01
16	2.0000	.12500	12.000	34.32	.5052	.1400-01	-.7910-01	-5.697	-.1390-01
16	2.0000	.15000	14.000	95.29	1.403	.3980-01	.6440-01	-5.553	-.1160-01
16	2.0000	.50000	24.000	66.42	.9776	.2710-01	-.3600-02	-5.621	.6000-03
16	2.0000	.80000	27.000	242.7	3.572	.9890-01	.4113	-5.206	-.7900-01
16	2.0000	.85000	30.000	173.1	2.548	.7050-01	.2475	-5.370	-.4610-01
16	2.0000	.90000	36.000	41.48	.6106	.1690-01	-.6230-01	-5.680	.1100-01
16	3.0000	.95000	37.000	19.85	.2922	.8100-02	-.1132	-5.731	.1980-01
16	4.0000	.10000+00	10.000	114.2	1.680	.4650-01	.1088	-5.509	-.1980-01
16	5.0000	.10000+00	9.0000	113.9	1.676	.4640-01	.1081	-5.509	-.1960-01
16	6.0000	.10000+00	8.0000	113.9	1.676	.4640-01	.1081	-5.509	-.1960-01
16	7.0000	.10000+00	7.0000	116.1	1.709	.4640-01	.1134	-5.504	-.2060-01
16	7.0000	.17000	17.000	426.9	6.283	.1739	.8448	-4.773	-.1770
16	7.0000	.18000	18.000	362.6	5.337	.1477	.6935	-4.924	-.1408

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
16	7.0000	.20000	19.000	136.7	2.012	.5570-01	.1618	-5.456	-.2960-01
16	8.0000	.83000	46.000	295.7	4.205	.1164	.5125	-5.105	-.1004
16	9.0000	.85000	52.000	135.8	1.999	.5530-01	.1598	-5.458	-.2930-01
16	10.000	.79500	42.000	236.5	3.482	.9640-01	.3968	-5.221	-.7600-01
16	10.000	.81000	43.000	267.2	3.933	.1089	.4690	-5.149	-.9110-01
16	10.000	.83000	44.000	339.6	4.999	.1383	.6394	-4.978	-.1284
16	10.000	.84000	45.000	169.1	2.490	.6890-01	.2382	-5.379	-.4430-01
16	10.000	.86000	51.000	117.8	1.733	.4800-01	.1172	-5.500	-.2130-01
16	10.000	.87500	53.000	124.9	1.838	.5090-01	.1341	-5.483	-.2450-01
16	10.000	.85000	50.000	23.44	3.450	.9500-02	.1047	-5.722	-.1830-01
16	11.000	.85000	54.000	114.3	1.682	.4660-01	.1090	-5.508	-.1980-01
16	12.000	.87500	49.000	27.30	4.018	.1110-01	.9570-01	-5.713	-.1670-01
16	13.000	.83000	47.000	179.2	2.638	.7300-01	.2619	-5.356	-.4890-01
16	14.000	.83500	48.000	114.6	1.686	.4670-01	.1097	-5.508	-.1990-01
16	15.000	.91000	35.000	41.88	6.164	.1710-01	.6130-01	-5.679	-.1080-01
16	15.000	.99100	41.000	45.47	.6692	.1850-01	.5290-01	-5.670	-.9300-02
16	16.000	.70000	25.000	55.09	8.109	.2240-01	.3020-01	-5.648	.5400-02
16	16.000	.85000	29.000	48.96	7.206	.1990-01	.4470-01	-5.662	.7900-02
16	16.000	.99100	40.000	56.10	.8258	.2290-01	.2790-01	-5.645	.4900-02
16	17.000	.99000	39.000	58.27	8.576	.2370-01	.2280-01	-5.640	.4000-02
16	18.000	.25000	21.000	80.35	1.183	.3270-01	.2920-01	-5.588	-.5200-02
16	18.000	.50000	23.000	77.75	1.144	.3170-01	.2310-01	-5.594	-.4100-02
16	18.000	.85000	28.000	77.51	1.141	.3160-01	.2250-01	-5.595	-.4000-02
16	18.000	.98300	38.000	63.04	.9278	.2570-01	.1150-01	-5.629	-.2100-02
16	19.000	.85000	32.000	169.5	2.494	.6900-01	.2390	-5.378	-.4440-01
16	20.000	.85000	31.000	122.0	1.795	.4970-01	.1271	-5.490	-.2320-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	X10 6 1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
16	1.0000	.00000	1.0000	725.3	10.69	.2959	1.549	-4.068	-.3809
16	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
16	1.0000	.75000-01	5.0000	188.5	2.778	.7690-01	.2844	-5.333	-.5330-01
16	1.0000	.15000	13.000	209.9	3.094	.8360-01	.3348	-5.283	-.6340-01
16	1.0000	.16000	15.000	419.2	6.178	.1710	.8281	-4.789	-.1729
16	1.0000	.18000	16.000	501.8	7.336	.2047	1.023	-4.595	-.2226
16	1.0000	.22000	20.000	48.09	.7088	.1960-01	-.4660-01	-5.664	.8200-02
16	1.0000	.80000	22.000	55.88	.8235	.2280-01	-.2820-01	-5.646	.5000-02
16	1.0000	.00000	26.000	100.2	1.477	.4090-01	.7630-01	-5.541	-.1380-01
16	2.0000	.00000	1.0000	725.3	10.69	.2959	1.549	-4.068	-.3809
16	2.0000	.25000-01	3.0000	179.6	2.648	.7330-01	.2634	-5.354	-.4920-01
16	2.0000	.50000-01	4.0000	115.8	1.707	.4720-01	.1130	-5.504	-.2050-01
16	2.0000	.75000-01	6.0000	117.4	1.731	.4790-01	.1169	-5.500	-.2120-01
16	2.0000	.10000+00	11.000	102.5	1.511	.4180-01	.8170-01	-5.536	-.1480-01
16	2.0000	.12500	12.000	47.62	.7019	.1940-01	-.4770-01	-5.665	.8400-02
16	2.0000	.15000	14.000	143.5	2.114	.5850-01	.1782	-5.439	-.3280-01
16	2.0000	.50000	24.000	60.51	.8919	.2470-01	-.1730-01	-5.635	.3100-02
16	2.0000	.80000	30.000	188.0	2.771	.6430-01	.2833	-5.334	-.5310-01
16	2.0000	.90000	36.000	157.5	2.322	.1560-01	.2114	-5.406	-.3910-01
16	2.0000	.95000	37.000	38.19	.5628	.7800-02	-.1151	-5.732	.1230-01
16	3.0000	.10000+00	10.000	19.00	1.2800	.4890-01	.1228	-5.494	-.2240-01
16	4.0000	.10000+00	9.0000	120.0	1.768	.4510-01	1.006	-5.517	-.1820-01
16	5.0000	.10000+00	8.0000	110.5	1.629	.4260-01	.8610-01	-5.531	-.1560-01
16	6.0000	.10000+00	7.0000	104.4	1.538	.4730-01	.1134	-5.504	-.2060-01
16	7.0000	.17000	17.000	115.9	1.709	.2099	1.053	-4.564	-.2307
16	7.0000	.18000	18.000	438.5	6.464	.1789	.8736	-4.744	-.1842

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CPI/SI
16	7.0000	.20000	19.000	162.5	2.395	.6630-01	.2231	-5.394	-.4130-01
16	8.0000	.83000	46.000	241.7	3.563	.9860-01	.4098	-5.207	-.7870-01
16	9.0000	.85000	52.000	116.3	1.714	.4740-01	.1142	-5.503	-.2070-01
16	10.000	.79000	42.000	182.6	2.692	.7450-01	.2706	-5.347	-.5060-01
16	10.000	.79500	43.000	202.0	2.978	.8240-01	.3162	-5.301	-.5970-01
16	10.000	.81000	44.000	278.9	4.111	.1138	.4975	-5.120	-.9720-01
16	10.000	.83000	45.000	135.2	1.993	.9520-01	.1588	-5.459	-.2910-01
16	10.000	.84000	51.000	101.3	1.493	.4130-01	.7890-01	-5.538	-.1420-01
16	10.000	.86000	53.000	101.3	1.493	.4130-01	.7890-01	-5.538	-.1420-01
16	10.000	.87500	50.000	18.61	.2743	.7600-02	-.1160	-5.733	-.2020-01
16	11.000	.85000	54.000	92.96	1.370	.3740-01	.5320-01	-5.558	-.1060-01
16	12.000	.87500	49.000	23.60	.3478	.9600-02	-.1043	-5.722	-.1820-01
16	14.000	.83000	47.000	169.1	2.492	.6900-01	.2386	-5.379	-.4440-01
16	15.000	.91000	35.000	75.45	1.869	.5170-01	.1390	-5.478	-.2540-01
16	15.000	.99100	41.000	35.17	1.112	.3080-01	.1790-01	-5.599	-.3200-02
16	16.000	.70000	25.000	60.67	.5184	.1430-01	-.7700-01	-5.694	.1350-01
16	16.000	.85000	29.000	63.74	.8942	.2480-01	-.1690-01	-5.634	.3000-02
16	16.000	.99100	40.000	69.15	.9394	.2600-01	-.9700-02	-5.627	.1700-02
16	17.000	.99000	39.000	64.91	1.019	.2820-01	.3100-02	-5.614	-.5000-03
16	18.000	.25000	21.000	88.74	.9567	.2650-01	-.6900-02	-5.624	.1200-02
16	18.000	.50000	23.000	81.98	1.308	.3620-01	.4920-01	-5.568	-.8800-02
16	18.000	.85000	28.000	103.8	1.208	.3340-01	.3330-01	-5.584	-.6000-02
16	18.000	.98300	38.000	74.98	1.529	.4230-01	.8460-01	-5.533	-.1530-01
16	19.000	.85000	32.000	157.9	1.105	.3060-01	.1680-01	-5.600	-.3000-02
16	20.000	.85000	31.000	90.31	2.328	.6440-01	.2123	-5.405	-.3930-01
					1.331	.3680-01	.5290-01	-5.564	-.9500-02

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	R(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
16	1.0000	.00000	1.0000	821.4	12.09	.3345	1.773	-3.845	-.4611
16	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
16	1.0000	.75000-01	5.0000	239.5	3.526	.9760-01	.4038	-5.214	-.7750-01
16	1.0000	.15000	13.000	281.1	4.137	.1145	.5015	-5.117	-.9800-01
16	1.0000	.16000	15.000	524.0	7.712	.2134	1.073	-4.545	-.2361
16	1.0000	.18000	16.000	614.5	9.044	.2503	1.286	-4.332	-.2969
16	1.0000	.22000	20.000	61.41	.9038	.2500-01	-.1540-01	-5.633	.2700-02
16	1.0000	.50000	22.000	70.14	1.032	.2860-01	.5200-02	-5.613	-.9000-03
16	1.0000	.80000	26.000	128.9	1.897	.5250-01	.1434	-5.475	-.2620-01
16	2.0000	.00000	1.0000	821.4	12.09	.3345	1.773	-3.845	-.4611
16	2.0000	.25000-01	3.0000	214.7	3.160	.8740-01	.3454	-5.273	-.6550-01
16	2.0000	.50000-01	4.0000	128.5	1.891	.5230-01	.1424	-5.476	-.2600-01
16	2.0000	.75000-01	6.0000	128.5	1.892	.5240-01	.1426	-5.475	-.2600-01
16	2.0000	.10000+00	11.000	115.1	1.694	.4690-01	.1110	-5.507	-.2020-01
16	2.0000	.12500	12.000	59.99	.8850	.2440-01	-.1870-01	-5.637	.3300-02
16	2.0000	.15000	14.000	170.1	2.504	.6930-01	.2405	-5.377	-.4470-01
16	2.0000	.50000	24.000	55.36	.8147	.2250-01	-.2960-01	-5.648	.5200-02
16	2.0000	.80000	27.000	171.1	2.518	.6970-01	.2427	-5.375	-.4520-01
16	2.0000	.85000	30.000	139.2	2.048	.5670-01	.1676	-5.450	-.3070-01
16	2.0000	.90000	36.000	34.36	.5058	.1400-01	-.7900-01	-5.697	.1390-01
16	2.0000	.95000	37.000	20.21	.2975	.8200-02	-.1123	-5.730	.1960-01
16	3.0000	.10000+00	10.000	130.4	1.919	.5310-01	.1469	-5.471	-.2680-01
16	4.0000	.10000+00	9.0000	115.9	1.706	.4720-01	.1128	-5.505	-.2050-01
16	5.0000	.10000+00	8.0000	108.3	1.595	.4410-01	.9510-01	-5.523	-.1720-01
16	6.0000	.10000+00	7.0000	123.1	1.812	.5010-01	.1299	-5.488	-.2370-01
16	7.0000	.17000	17.000	636.4	9.367	.2592	1.338	-4.280	-.3125
16	7.0000	.18000	18.000	521.6	7.676	.2124	1.067	-4.550	-.2346

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
16	7.0000	.20000	19.000	197.4	2.906	.8040-01	.3047	-5.313	-.5730-01
16	8.0000	.83000	46.000	197.5	2.907	.8050-01	.3050	-5.313	-.5740-01
16	9.0000	.85000	52.000	95.92	1.412	.3910-01	.6580-01	-5.552	-.1190-01
16	10.0000	.79500	43.000	196.6	2.893	.8010-01	.3027	-5.315	-.5700-01
16	10.0000	.81000	44.000	210.4	3.104	.8590-01	.3364	-5.282	-.6370-01
16	10.0000	.83000	45.000	264.9	3.899	.1079	.4635	-5.155	-.8990-01
16	10.0000	.84000	51.000	184.8	2.720	.7530-01	.2751	-5.343	-.5150-01
16	10.0000	.86000	53.000	83.78	1.233	.3410-01	.3730-01	-5.581	-.6700-02
16	10.0000	.87500	50.000	87.73	1.291	.3570-01	.4660-01	-5.571	-.8400-02
16	11.0000	.85000	54.000	19.23	.2831	.7800-02	.1146	-5.733	-.2000-01
16	12.0000	.87500	49.000	79.07	1.164	.3220-01	.2620-01	-5.592	-.4700-02
16	13.0000	.83000	47.000	23.09	.3398	.9400-02	.1056	-5.724	-.1840-01
16	14.0000	.83500	48.000	160.5	2.362	.6540-01	.2177	-5.400	-.4030-01
16	15.0000	.91000	35.000	115.9	1.705	.4720-01	.1128	-5.505	-.2050-01
16	15.0000	.99100	41.000	66.20	.9744	.2700-01	.4100-02	-5.622	-.7000-03
16	16.0000	.70000	25.000	38.05	.5600	.1550-01	.7030-01	-5.688	-.1240-01
16	16.0000	.85000	29.000	72.49	1.067	.2950-01	.1070-01	-5.607	-.1900-02
16	16.0000	.99100	40.000	82.40	1.213	.3360-01	.3400-01	-5.584	-.6100-02
16	17.0000	.25000	39.000	95.82	1.410	.3900-01	.6560-01	-5.552	-.1180-01
16	18.0000	.99000	21.000	83.97	1.236	.3420-01	.3770-01	-5.580	-.6800-02
16	18.0000	.50000	23.000	102.4	1.508	.4170-01	.8120-01	-5.537	-.1470-01
16	18.0000	.85000	28.000	90.26	1.329	.3680-01	.5250-01	-5.566	-.9400-02
16	18.0000	.98300	38.000	122.8	1.808	.5000-01	.1291	-5.489	-.2350-01
16	19.0000	.85000	32.000	98.12	1.444	.4000-01	.7100-01	-5.547	-.1280-01
16	20.0000	.85000	31.000	115.3	1.698	.4700-01	.1115	-5.507	-.2030-01
16				84.36	1.242	.3440-01	.3860-01	-5.579	-.6900-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
15	1.0000	.00000	1.0000	819.0	18.25	.2355	1.999	-6.865	-.2911
15	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
15	1.0000	.75000-01	5.0000	216.2	4.818	.6220-01	.4424	-6.421	-.5250-01
15	1.0000	.15000	13.000	223.7	4.984	.6430-01	.4617	-8.402	-.5490-01
15	1.0000	.16000	15.000	501.3	11.17	.1442	1.178	-7.685	-.1534
15	1.0000	.18000	16.000	611.3	13.62	.1758	1.463	-7.401	-.1976
15	1.0000	.22000	20.000	53.29	1.187	.1530-01	.2170-01	-8.842	-.2500-02
15	1.0000	.50000	22.000	50.54	1.126	.1450-01	.1460-01	-8.849	-.1700-02
15	1.0000	.80000	26.000	93.88	2.092	.2700-01	.1265	-8.737	-.1450-01
15	2.0000	.00000	1.0000	819.0	18.25	.2355	1.999	-6.865	-.2911
15	2.0000	.25000-01	3.0000	161.8	3.605	.4650-01	.3019	-8.562	-.3530-01
15	2.0000	.50000-01	4.0000	116.6	2.597	.3350-01	.1851	-8.679	-.2130-01
15	2.0000	.75000-01	6.0000	85.17	1.898	.2450-01	.1040	-8.760	-.1190-01
15	2.0000	.10000+00	11.000	94.20	2.099	.2710-01	.1273	-8.736	-.1460-01
15	2.0000	.12500	12.000	50.07	1.116	.1440-01	.1340-01	-8.850	-.1500-02
15	2.0000	.15000	14.000	136.0	3.031	.3910-01	.2354	-8.628	-.2730-01
15	2.0000	.50000	24.000	44.65	.9949	.1280-01	-.6000-03	-8.864	-.1000-03
15	2.0000	.80000	27.000	122.3	2.725	.3520-01	.1999	-8.664	-.2310-01
15	2.0000	.85000	30.000	115.1	2.564	.3310-01	.1813	-8.682	-.2090-01
15	2.0000	.90000	36.000	30.52	.6800	.8800-02	-.3710-01	-8.936	-.4200-02
15	2.0000	.95000	37.000	16.93	.3773	.4900-02	-.7220-01	-8.730	-.8100-02
15	3.0000	.10000+00	10.000	96.71	2.155	.2780-01	.1338	-8.730	-.1530-01
15	4.0000	.10000+00	9.0000	85.56	1.906	.2460-01	.1050	-8.758	-.1200-01
15	5.0000	.10000+00	8.0000	82.73	1.843	.2380-01	.9770-01	-8.765	-.1110-01
15	6.0000	.10000+00	7.0000	103.3	2.302	.2970-01	.1509	-8.713	-.1730-01
15	7.0000	.17000	17.000	627.1	13.97	.1803	1.503	-7.360	-.2043
15	7.0000	.18000	18.000	505.2	11.26	.1453	1.189	-7.675	-.1548

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1B07)

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
15	7.000	.20000	19.000	182.4	4.064	.5240-01	.3550	-8.509	-.4170-01
15	8.000	.83000	46.000	162.5	3.620	.4670-01	.3036	-8.560	-.3550-01
15	9.000	.85000	52.000	72.67	1.619	.2090-01	.7170-01	-8.792	-.8200-02
15	10.000	.79000	42.000	126.6	2.820	.3640-01	.2109	-8.653	-.2440-01
15	10.000	.79500	43.000	152.0	3.388	.4370-01	.2767	-8.587	-.3220-01
15	10.000	.81000	44.000	212.3	4.731	.6110-01	.4323	-8.431	-.5130-01
15	10.000	.83000	45.000	83.20	1.854	.2390-01	.9890-01	-8.765	-.1130-01
15	10.000	.84000	51.000	65.80	1.466	.1890-01	.5400-01	-8.810	-.6100-02
15	10.000	.86000	53.000	67.02	1.493	.1930-01	.5720-01	-8.806	-.6500-02
15	10.000	.87500	50.000	14.27	.3179	.4100-02	.7900-01	-8.943	-.8800-02
15	11.000	.85000	54.000	60.63	1.351	.1740-01	.4070-01	-8.823	-.4600-02
15	12.000	.87500	49.000	17.37	.3870	.5000-02	.7100-01	-8.935	-.8000-02
15	13.000	.83000	47.000	123.5	2.753	.3550-01	.2031	-8.661	-.2350-01
15	14.000	.83500	48.000	70.97	1.581	.2040-01	.6740-01	-8.796	-.7700-02
15	15.000	.91000	35.000	56.82	1.266	.1630-01	.3080-01	-8.833	-.3500-02
15	15.000	.99100	41.000	26.68	.5945	.7700-02	.4700-01	-8.911	.5300-02
15	16.000	.70000	25.000	52.42	1.168	.1510-01	.1950-01	-8.844	-.2200-02
15	16.000	.85000	29.000	54.23	1.208	.1560-01	.2410-01	-8.839	-.2700-02
15	16.000	.99100	40.000	66.46	1.481	.1910-01	.5570-01	-8.808	-.6300-02
15	17.000	.99000	39.000	59.69	1.330	.1720-01	.3820-01	-8.825	-.4300-02
15	18.000	.25000	21.000	85.48	1.905	.2460-01	.1048	-8.753	-.1200-01
15	18.000	.50000	23.000	69.62	1.551	.2000-01	.6390-01	-8.800	-.7300-02
15	18.000	.85000	28.000	88.86	1.980	.2560-01	.1136	-8.750	-.1300-01
15	18.000	.98300	38.000	75.98	1.693	.2180-01	.8030-01	-8.783	-.9100-02
15	19.000	.85000	32.000	89.49	1.994	.2570-01	.1152	-8.748	-.1320-01
15	20.000	.85000	31.000	71.82	1.600	.2070-01	.6960-01	-8.794	-.7900-02

DATE 01 OCT 80

IHI: INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
15	1.0000	.00000	1.0000	695.2	15.47	.1997	1.677	-7.186	-.2334
15	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
15	1.0000	.75000-01	5.0000	158.1	3.520	.4540-01	.2920	-8.571	-.3410-01
15	1.0000	.15000	13.0000	159.6	3.553	.4580-01	.2958	-8.568	-.3450-01
15	1.0000	.16000	15.0000	378.2	8.419	1.087	.8598	-8.004	-.1074
15	1.0000	.18000	16.0000	474.0	10.55	1.362	1.107	-7.757	-.1427
15	1.0000	.22000	20.0000	39.69	.8835	.1140-01	-.1350-01	-8.877	.1500-02
15	1.0000	.80000	22.0000	40.00	.8904	.1150-01	-.1270-01	-8.876	.1400-02
15	1.0000	.00000	26.0000	68.51	1.525	.1970-01	.6080-01	-8.803	-.6900-02
15	2.0000	.00000	1.0000	695.2	15.47	.1997	1.677	-7.186	-.2334
15	2.0000	.25000-01	3.0000	136.9	3.048	.3930-01	.2373	-8.626	-.2750-01
15	2.0000	.50000-01	4.0000	101.4	2.257	.2910-01	.1457	-8.718	-.1670-01
15	2.0000	.75000-01	6.0000	82.40	1.834	.2370-01	.9670-01	-8.767	-.1100-01
15	2.0000	.10000+00	11.0000	85.94	1.913	.2470-01	.1058	-8.758	-.1210-01
15	2.0000	.12500	12.0000	33.56	.7471	.9600-02	-.2930-01	-8.893	-.3300-02
15	2.0000	.15000	14.0000	80.36	1.789	.2310-01	.9140-01	-8.772	-.1040-01
15	2.0000	.50000	24.0000	43.14	.9604	.1240-01	-.4600-02	-8.868	.5000-03
15	2.0000	.80000	27.0000	136.0	3.028	.3910-01	.2350	-8.628	-.2720-01
15	2.0000	.90000	30.0000	133.0	2.960	.3820-01	.2271	-8.636	-.2630-01
15	2.0000	.90000	36.0000	32.46	.7226	.9300-02	-.3210-01	-8.895	.3600-02
15	3.0000	.95000	37.0000	21.94	.4884	.6300-02	-.5930-01	-8.923	.6600-02
15	3.0000	.10000+00	10.0000	90.26	2.009	.2590-01	.1169	-8.746	-.1340-01
15	4.0000	.10000+00	9.0000	86.49	1.925	.2480-01	.1072	-8.756	-.1220-01
15	5.0000	.10000+00	8.0000	80.05	1.782	.2300-01	.9060-01	-8.773	-.1030-01
15	6.0000	.10000+00	7.0000	95.05	2.116	.2730-01	.1293	-8.734	-.1480-01
15	7.0000	.17000	17.0000	490.2	10.91	.1408	1.149	-7.715	-.1489
15	7.0000	.18000	18.0000	400.6	8.918	.1151	.9175	-7.946	-.1155

IHI1 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/REF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
15	7.0000	.20000	19.000	143.0	3.184	.4110-01	.2531	-8.610	-.2940-01
15	8.0000	.83000	46.000	196.7	4.379	.5650-01	.3916	-8.472	-.4620-01
15	9.0000	.85000	52.000	92.40	2.057	.2650-01	1.225	-8.741	-.1400-01
15	10.000	.79000	42.000	129.7	2.888	.3730-01	2.187	-8.645	-.2530-01
15	10.000	.79500	43.000	144.9	3.225	.4160-01	.2578	-8.606	-.3000-01
15	10.000	.81000	44.000	203.3	4.526	.5840-01	4.086	-8.455	-.4830-01
15	10.000	.83000	45.000	98.13	2.185	.2820-01	1.373	-8.726	-.1570-01
15	10.000	.84000	51.000	81.59	1.816	.2340-01	.9460-01	-8.769	-.1080-01
15	10.000	.86000	53.000	76.70	1.707	.2200-01	.8200-01	-8.781	-.9300-02
15	10.000	.87500	50.000	15.79	.3515	.4500-02	-.7510-01	-8.939	-.8400-02
15	11.000	.85000	54.000	69.09	1.538	.1980-01	.6230-01	-8.801	-.7100-02
15	12.000	.87500	49.000	24.44	.5440	.7000-02	-.5280-01	-8.916	-.5900-02
15	13.000	.83000	47.000	159.9	3.559	.4590-01	.2966	-8.567	-.3460-01
15	14.000	.83500	48.000	101.9	2.268	.2930-01	1.470	-8.716	-.1690-01
15	15.000	.91000	35.000	52.17	1.161	.1500-01	.1870-01	-8.845	-.2100-02
15	15.000	.99100	41.000	25.94	.5775	.7500-02	-.4900-01	-8.912	-.5500-02
15	16.000	.70000	25.000	43.14	.9604	.1240-01	-.4600-02	-8.868	-.5000-03
15	16.000	.85000	29.000	42.91	.9551	.1230-01	-.5200-02	-8.869	-.6000-03
15	16.000	.99100	40.000	46.25	1.029	.1330-01	.3400-02	-8.860	-.4000-03
15	17.000	.99000	39.000	50.57	1.126	.1450-01	.1460-01	-8.849	-.1600-02
15	18.000	.25000	21.000	68.74	1.530	.1970-01	.6140-01	-8.802	-.7000-02
15	18.000	.50000	23.000	59.24	1.319	.1700-01	.3690-01	-8.827	-.4200-02
15	18.000	.85000	28.000	71.80	1.598	.2060-01	.6930-01	-8.794	-.7900-02
15	18.000	.98300	38.000	60.10	1.338	.1730-01	.3920-01	-8.824	-.4400-02
15	19.000	.85000	32.000	123.9	2.759	.3560-01	.2038	-8.660	-.2350-01
15	20.000	.85000	31.000	67.96	1.513	.1950-01	.5940-01	-8.804	-.6700-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-0T, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	CP(SI)	CP(I)	CP(SI)	CP(I)	CP(SI)	CP(I)
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0					
TEST DATA												
RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP(I)	CP(SI)	CP(I)	CP(SI)	CP(I)
15	.0000	1.0000	573.1	12.77	.1648	1.364	-7.500	1.364	-7.500	1.364	-7.500	1.364
15	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0
15	.75000-01	5.0000	117.6	2.619	.380-01	.1876	-6.676	.1876	-6.676	.1876	-6.676	.1876
15	.15000	13.000	121.6	2.708	.500-01	.1980	-8.665	.1980	-8.665	.1980	-8.665	.1980
15	.16000	15.000	277.1	6.174	.370-01	.5995	-8.264	.5995	-8.264	.5995	-8.264	.5995
15	.18000	16.000	365.2	8.137	.1050	.8270	-8.036	.8270	-8.036	.8270	-8.036	.8270
15	.22000	20.000	29.91	.6665	.8600-02	-.3860-01	-8.902	-.3860-01	-8.902	-.3860-01	-8.902	-.3860-01
15	.50000	22.000	30.54	.6805	.8800-02	-.3700-01	-8.900	-.3700-01	-8.900	-.3700-01	-8.900	-.3700-01
15	.80000	26.000	57.66	1.285	.1660-01	.3300-01	-8.830	.3300-01	-8.830	.3300-01	-8.830	.3300-01
15	.00000	1.0000	573.1	12.77	.1648	1.364	-7.500	1.364	-7.500	1.364	-7.500	1.364
15	.25000-01	3.0000	123.1	2.743	.3540-01	.2020	-8.661	.2020	-8.661	.2020	-8.661	.2020
15	.50000-01	4.0000	87.68	1.954	.2520-01	.1105	-8.753	.1105	-8.753	.1105	-8.753	.1105
15	.75000-01	6.0000	82.26	1.833	.2370-01	.9650-01	-8.767	.9650-01	-8.767	.9650-01	-8.767	.9650-01
15	.10000+00	11.000	75.03	1.672	.2160-01	.7780-01	-8.786	.7780-01	-8.786	.7780-01	-8.786	.7780-01
15	.12500	12.000	30.23	.6735	.8700-02	-.3780-01	-8.901	-.3780-01	-8.901	-.3780-01	-8.901	-.3780-01
15	.15000	14.000	48.54	1.081	.1400-01	.9400-02	-8.854	.9400-02	-8.854	.9400-02	-8.854	.9400-02
15	.50000	24.000	48.70	1.085	.1400-01	.9400-02	-8.854	.9400-02	-8.854	.9400-02	-8.854	.9400-02
15	.80000	27.000	183.6	4.092	.5280-01	.3583	-8.505	.3583	-8.505	.3583	-8.505	.3583
15	.85000	30.000	153.8	3.426	.4420-01	.2811	-8.582	.2811	-8.582	.2811	-8.582	.2811
15	.90000	36.000	35.26	.7856	.1010-01	-.2480-01	-8.888	-.2480-01	-8.888	-.2480-01	-8.888	-.2480-01
15	.95000	37.000	15.06	.3356	.4300-02	-.7700-01	-8.940	-.7700-01	-8.940	-.7700-01	-8.940	-.7700-01
15	.10000+00	10.000	88.00	1.961	.2530-01	.1113	-8.752	.1113	-8.752	.1113	-8.752	.1113
15	.10000+00	9.0000	88.31	1.968	.2540-01	.1121	-8.751	.1121	-8.751	.1121	-8.751	.1121
15	.10000+00	8.0000	85.64	1.908	.2460-01	.1052	-8.758	.1052	-8.758	.1052	-8.758	.1052
15	.10000+00	7.0000	92.16	2.053	.2650-01	.1221	-8.741	.1221	-8.741	.1221	-8.741	.1221
15	.17000	17.000	375.3	8.361	.1079	.8530	-8.105	.8530	-8.105	.8530	-8.105	.8530
15	.18000	18.000	311.3	6.935	.8950-01	.6878	-8.176	.6878	-8.176	.6878	-8.176	.6878

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 94
(RG1807)

IH11, MODEL 84-0T, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
15	7.0000	.20000	19.000	113.6	2.531	.3270-01	.1775	-8.686	-.2040-01
15	8.0000	.83000	46.000	240.9	5.367	.6930-01	.5061	-9.357	-.6060-01
15	9.0000	.85000	52.000	100.1	2.229	.2880-01	.1424	-8.721	-.1630-01
15	10.000	.79000	42.000	171.3	3.816	.4920-01	.3263	-8.537	-.3820-01
15	10.000	.79500	43.000	193.4	4.309	.5560-01	.3834	-8.480	-.4520-01
15	10.000	.81000	44.000	278.4	6.202	.8000-01	.6028	-8.261	-.7300-01
15	10.000	.83000	45.000	126.4	2.816	.3630-01	.2105	-8.653	-.2430-01
15	10.000	.84000	51.000	90.55	2.018	.2600-01	.1174	-8.745	-.1350-01
15	10.000	.86000	53.000	90.18	2.009	.2590-01	.1169	-8.747	-.1340-01
15	10.000	.87500	50.000	18.86	.4201	.5400-02	-.6720-01	-8.931	.7500-02
15	11.000	.85000	54.000	76.25	1.699	.2190-01	.8100-01	-8.782	-.9200-02
15	12.000	.87500	49.000	23.65	5.270	.6800-02	-.5480-01	-8.918	.6100-02
15	13.000	.83000	47.000	154.9	3.451	.4450-01	.2841	-8.579	-.3310-01
15	14.000	.83500	48.000	94.79	2.112	.2730-01	.1288	-8.735	-.1480-01
15	15.000	.91000	35.000	31.96	.7120	.9200-02	-.3340-01	-8.897	.3800-02
15	15.000	.99100	41.000	33.25	.7408	.9600-02	-.3000-01	-8.893	.3400-02
15	16.000	.70000	25.000	38.09	8.486	.1100-01	-.1750-01	-8.881	.2000-02
15	16.000	.85000	29.000	35.65	.7943	.1030-01	-.2360-01	-8.887	.2700-02
15	16.000	.99100	40.000	38.52	8.582	.1110-01	-.1640-01	-8.880	.1900-02
15	17.000	.99100	39.000	44.64	9.945	.1280-01	-.6000-03	-8.864	.1000-03
15	18.000	.25000	21.000	59.31	1.321	.1710-01	.3720-01	-8.826	-.4200-02
15	18.000	.50000	23.000	53.18	1.185	.1530-01	.2140-01	-8.842	-.2400-02
15	18.000	.85000	28.000	56.95	1.269	.1640-01	.3120-01	-8.832	-.3400-02
15	18.000	.98300	38.000	48.93	1.090	.1410-01	.1050-01	-8.853	-.1200-02
15	19.000	.85000	32.000	129.2	2.878	.3710-01	.2176	-8.646	-.2520-01
15	20.000	.85000	31.000	78.56	1.750	.2260-01	.8700-01	-8.776	-.9900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
20	1.0000	.00000	1.0000	792.9	6.889	.4066	1.352	-2.308	-.5858
20	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
20	1.0000	.75000-01	5.0000	214.1	1.860	.1098	.1975	-3.462	-.5700-01
20	1.0000	.15000	13.000	280.5	2.437	.1439	.3299	-3.330	-.9910-01
20	1.0000	.16000	15.000	449.6	3.906	.2306	.6672	-2.993	-.2230
20	1.0000	.18000	16.000	518.6	4.506	.2660	.8048	-2.855	-.2819
20	1.0000	.22000	20.000	51.79	.4500	.2660-01	-.1263	-3.786	.3340-01
20	1.0000	.50000	80.40	80.40	.6985	.4120-01	-.6920-01	-3.729	.1860-01
20	1.0000	.80000	141.0	141.0	1.226	.7230-01	.5180-01	-3.608	-.1430-01
20	2.0000	.00000	792.9	792.9	6.889	.4066	1.352	-2.308	-.5858
20	2.0000	.25000-01	3.0000	253.6	2.203	.1300	.2762	-3.384	-.8160-01
20	2.0000	.50000-01	4.0000	155.4	1.350	.7970-01	.8030-01	-3.579	-.2240-01
20	2.0000	.75000-01	6.0000	167.2	1.453	.8580-01	.1039	-3.556	-.2920-01
20	2.0000	.10000*00	11.000	262.1	2.277	.1344	.2933	-3.366	-.8710-01
20	2.0000	.12500	12.000	47.71	.4145	.2450-01	-.1344	-3.794	.3540-01
20	2.0000	.15000	14.000	189.9	1.650	.9740-01	.1492	-3.511	-.4250-01
20	2.0000	.50000	24.000	118.2	1.027	.6060-01	.6200-02	-3.653	-.1700-02
20	2.0000	.80000	27.000	371.9	3.231	.1907	.5122	-3.148	-.1627
20	2.0000	.85000	30.000	157.8	1.371	.8090-01	.8510-01	-3.575	-.2380-01
20	2.0000	.90000	36.000	47.55	.4131	.2440-01	-.1347	-3.794	.3550-01
20	2.0000	.95000	37.000	78.90	.6855	.4050-01	-.7220-01	-3.732	.1930-01
20	3.0000	.10000*00	10.000	258.7	2.247	.1327	.2864	-3.373	-.8490-01
20	4.0000	.10000*00	9.0000	244.3	2.123	.1253	.2577	-3.402	-.7570-01
20	5.0000	.10000*00	8.0000	227.6	1.978	.1167	.2245	-3.435	-.6530-01
20	6.0000	.10000*00	7.0000	173.6	1.508	.8900-01	.1166	-3.543	-.3290-01
20	7.0000	.17000	17.000	511.4	4.443	.2622	.7904	-2.869	-.2755
20	7.0000	.18000	18.000	405.5	3.523	.2080	.5793	-3.080	-.1880

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
20	7.0000	.20000	19.000	152.2	1.322	.7810-01	.7400-01	-3.586	-.2060-01
20	8.0000	.83000	46.000	293.1	2.546	.1503	.3550	-3.305	-.1074
20	9.0000	.85000	52.000	143.1	1.243	.7340-01	.5590-01	-3.604	-.1550-01
20	10.000	.79000	42.000	370.7	3.221	.1901	.5098	-3.150	-.1618
20	10.000	.79500	43.000	388.2	3.373	.1991	.5447	-3.115	-.1749
20	10.000	.81000	44.000	404.3	3.512	.2073	.5768	-3.083	-.1871
20	10.000	.83000	45.000	255.5	2.220	.1311	.2801	-3.380	-.8290-01
20	10.000	.84000	51.000	117.2	1.018	.6010-01	.4100-02	-3.656	-.1100-02
20	10.000	.86000	53.000	126.1	1.096	.6470-01	.2190-01	-3.638	-.6000-02
20	10.000	.87500	50.000	30.32	.2634	.1550-01	-.1691	-3.829	.4420-01
20	11.000	.85000	54.000	120.0	1.042	.6150-01	.9700-02	-3.650	-.2700-02
20	12.000	.87500	49.000	29.76	.2585	.1530-01	-.1702	-3.830	.4440-01
20	13.000	.83000	47.000	239.2	2.078	.1227	.2475	-3.412	-.7250-01
20	14.000	.83500	48.000	198.9	1.728	.1020	.1672	-3.493	-.4790-01
20	15.000	.91000	35.000	93.60	.8131	.4800-01	-.4290-01	-3.703	-.1160-01
20	15.000	.99100	41.000	56.29	.4890	.2890-01	-.1173	-3.777	.3110-01
20	16.000	.70000	25.000	69.79	.6063	.3580-01	-.9040-01	-3.750	.2410-01
20	16.000	.85000	29.000	77.02	.6691	.3950-01	-.7600-01	-3.736	.2030-01
20	16.000	.99100	40.000	85.92	.7465	.4410-01	-.5820-01	-3.718	.1570-01
20	17.000	.99000	39.000	76.42	.6639	.3920-01	-.7720-01	-3.737	.2060-01
20	18.000	.25000	21.000	112.4	.9770	.5770-01	-.5300-02	-3.665	.1400-02
20	18.000	.50000	23.000	92.57	.8043	.4750-01	-.4490-01	-3.705	.1210-01
20	18.000	.85000	28.000	120.4	1.046	.6170-01	.1050-01	-3.649	-.2900-02
20	18.000	.98300	38.000	79.77	.6930	.4090-01	-.7050-01	-3.730	.1890-01
20	19.000	.85000	32.000	155.2	1.348	.7960-01	.8000-01	-3.580	-.2230-01
20	20.000	.85000	31.000	127.2	1.105	.6520-01	.2420-01	-3.636	-.6700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1B08)

IH11, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
20	1.0000	.00000	1.0000	858.8	7.466	.4407	1.485	-2.175	-.6825
20	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
20	1.0000	.75000-01	5.0000	266.5	2.316	.1367	.3022	-3.357	-.9000-01
20	1.0000	.15000	13.000	360.2	3.131	.1848	.4892	-3.170	-.1543
20	1.0000	.16000	15.000	548.1	4.764	.2812	.8642	-2.795	-.3092
20	1.0000	.18000	16.000	613.2	5.331	.3147	.9943	-2.665	-.3731
20	1.0000	.22000	20.000	63.08	.5484	.3240-01	-.1037	-3.763	-.2760-01
20	1.0000	.50000	22.000	91.23	.7930	.4680-01	-.4750-01	-3.707	.1280-01
20	1.0000	.80000	26.000	148.2	1.288	.7610-01	.6620-01	-3.593	-.1840-01
20	2.0000	.00000	1.0000	858.8	7.466	.4407	1.485	-2.175	-.6825
20	2.0000	.25000-01	3.0000	265.9	2.312	.1365	.3011	-3.358	-.8970-01
20	2.0000	.50000-01	4.0000	167.7	1.458	.8610-01	.1052	-3.554	-.2960-01
20	2.0000	.75000-01	6.0000	167.0	1.452	.8570-01	.1037	-3.556	-.2920-01
20	2.0000	.10000+00	11.000	182.3	1.584	.9350-01	.1342	-3.525	-.3810-01
20	2.0000	.12500	12.000	59.54	5.176	.3060-01	-.1107	-3.770	-.2940-01
20	2.0000	.15000	14.000	206.7	1.797	.1061	.1830	-3.477	-.5260-01
20	2.0000	.50000	24.000	98.14	.8532	.5040-01	-.3370-01	-3.693	-.9100-02
20	2.0000	.80000	27.000	309.9	2.694	.1590	.3890	-3.271	-.1189
20	2.0000	.95000	30.000	127.7	1.110	.6550-01	.2530-01	-3.634	-.7000-02
20	2.0000	.00000	36.000	45.16	.3926	.2320-01	-.1395	-3.799	3670-01
20	3.0000	.10000+00	37.000	72.12	.6270	.3700-01	-.8560-01	-3.745	-.2900-01
20	4.0000	.10000+00	10.000	167.3	1.455	.8590-01	.1044	-3.555	-.2940-01
20	5.0000	.10000+00	9.0000	191.3	1.663	.9820-01	.1522	-3.507	-.4340-01
20	6.0000	.10000+00	8.0000	162.2	1.410	.8320-01	.9420-01	-3.565	-.2640-01
20	7.0000	.10000+00	7.0000	157.3	1.368	.8070-01	.8440-01	-3.575	-.2360-01
20	7.0000	.17000	17.000	615.2	5.348	.3157	.9982	-2.661	-.3751
20	7.0000	.18000	18.000	480.0	4.173	.2463	.7284	-2.931	-.2485

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1B08)

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
20	7.0000	.20000	19.000	179.8	1.563	.9230-01	.1293	-3.530	-.3660-01
20	8.0000	.83000	46.000	279.2	2.427	.1433	.3276	-3.332	-.9830-01
20	9.0000	.85000	52.000	125.6	1.092	.6440-01	.2100-01	-3.639	-.5800-02
20	10.000	.79000	42.000	319.2	2.775	.1638	.4075	-3.252	-.1253
20	10.000	.79500	43.000	327.7	2.849	.1682	.4246	-3.235	-.1312
20	10.000	.81000	44.000	341.0	2.965	.1750	.4510	-3.208	-.1406
20	10.000	.83000	45.000	234.3	2.037	.1202	.2380	-3.421	-.6960-01
20	10.000	.84000	51.000	104.0	.9042	.5340-01	-.2200-01	-3.681	.6000-02
20	10.000	.85000	53.000	109.6	.9525	.5620-01	-.1090-01	-3.671	.3000-02
20	11.000	.87500	50.000	40.94	.3559	.2100-01	-.1479	-3.807	.3880-01
20	11.000	.85000	54.000	104.0	.9042	.5340-01	-.2200-01	-3.681	.6000-02
20	12.000	.87500	49.000	37.84	.3289	.1940-01	-.1541	-3.814	.4040-01
20	13.000	.83000	47.000	206.9	1.799	.1062	.1833	-3.476	-.5270-01
20	14.000	.83500	48.000	160.0	1.391	.8210-01	.8980-01	-3.570	-.2520-01
20	15.000	.91000	35.000	82.97	.7213	.4260-01	-.6400-01	-3.724	.1720-01
20	15.000	.99100	41.000	65.79	.5720	.3380-01	-.9830-01	-3.758	.2620-01
20	16.000	.70000	25.000	81.32	.7069	.4170-01	-.6730-01	-3.727	.1810-01
20	16.000	.85000	29.000	102.0	.8867	.5230-01	-.2600-01	-3.686	.7100-02
20	16.000	.99100	40.000	101.1	.8788	.5190-01	-.2780-01	-3.687	.7500-02
20	17.000	.99000	39.000	89.61	.7790	.5000-01	-.5070-01	-3.710	.1370-01
20	18.000	.25000	21.000	111.1	.9659	.5700-01	-.7800-02	-3.667	.1700-02
20	18.000	.50000	23.000	99.09	.8614	.5080-01	-.3180-01	-3.691	.8600-02
20	18.000	.85000	28.000	128.2	1.114	.6580-01	-.2620-01	-3.633	-.7200-02
20	18.000	.98300	38.000	96.33	.8375	.4940-01	-.3730-01	-3.697	.1010-01
20	19.000	.85000	32.000	141.1	1.227	.7240-01	-.5210-01	-3.607	-.1440-01
20	20.000	.85000	31.000	107.1	.9311	.5500-01	-.1580-01	-3.675	.4300-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
20	1.0000	.00000	1.0000	964.5	8.382	.4948	1.695	-1.965	-.8625
20	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
20	1.0000	.75000-01	5.0000	324.7	2.822	.1666	.4183	-3.241	-.1291
20	1.0000	.15000	13.000	480.9	2.467	.2467	.7299	-2.930	-.2491
20	1.0000	.16000	15.000	669.9	5.822	.3436	1.107	-2.553	-.4336
20	1.0000	.18000	16.000	723.4	6.287	.3711	1.214	-2.446	-.4962
20	1.0000	.22000	20.000	78.13	.6789	.4010-01	-.7370-01	-3.733	.1970-01
20	1.0000	.50000	22.000	115.1	.9999	.5900-01	.0000	-3.660	.0000
20	1.0000	.80000	26.000	148.9	1.294	.7640-01	.6740-01	-3.592	-.1880-01
20	2.0000	.00000	1.0000	964.5	8.382	.4948	1.695	-1.965	-.8625
20	2.0000	.25000-01	3.0000	279.7	2.431	.1435	.3285	-3.331	-.9650-01
20	2.0000	.50000-01	4.0000	175.3	1.523	.8990-01	.1201	-3.540	-.3390-01
20	2.0000	.75000-01	6.0000	183.0	1.590	.9390-01	.1355	-3.524	-.3840-01
20	2.0000	.10000+00	11.000	207.2	1.800	.1063	.1837	-3.476	-.5290-01
20	2.0000	.12500	12.000	110.8	.9631	.5680-01	-.8500-02	-3.668	.2300-02
20	2.0000	.15000	14.000	239.9	2.085	.1230	.2490	-3.411	-.7300-01
20	2.0000	.50000	24.000	100.9	.8770	.5180-01	-.2820-01	-3.688	.7700-02
20	2.0000	.80000	27.000	255.3	2.219	.1310	.2799	-3.380	-.8280-01
20	2.0000	.85000	30.000	118.1	1.026	.6060-01	.5900-02	-3.654	-.1600-02
20	2.0000	.90000	36.000	60.52	.5260	.3100-01	.1088	-3.769	-.2690-01
20	2.0000	.95000	37.000	65.24	.5669	.3350-01	-.9940-01	-3.759	.2640-01
20	3.0000	.10000+00	10.000	199.6	1.735	.1024	.1687	-3.491	-.4830-01
20	4.0000	.10000+00	9.0000	228.5	1.986	.1172	.2264	-3.433	-.6590-01
20	5.0000	.10000+00	8.0000	201.0	1.746	.1031	.1714	-3.488	-.4910-01
20	6.0000	.10000+00	7.0000	174.5	1.516	.8950-01	.1185	-3.541	-.3350-01
20	7.0000	.17000	17.000	730.1	6.345	.3745	1.227	-2.433	-.5044
20	7.0000	.18000	18.000	570.2	4.955	.2925	.9080	-2.752	-.3300

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RC1808)

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
20	7.0000	.20000	19.000	212.4	1.845	.1089	.1941	-3.466	-.5600-01
20	8.0000	.83000	46.000	251.5	2.185	.1290	.2721	-3.387	-.8030-01
20	9.0000	.85000	52.000	103.0	.8951	.5280-01	-.2410-01	-3.684	.6500-02
20	10.000	.79000	42.000	290.8	2.527	.1492	.3506	-3.309	-.1059
20	10.000	.79500	43.000	294.3	2.558	.1510	.3577	-3.302	-.1083
20	10.000	.81000	44.000	304.1	2.643	.1560	.3772	-3.282	-.1149
20	10.000	.83000	45.000	213.2	1.853	.1094	.1958	-3.464	-.5650-01
20	10.000	.84000	51.000	90.78	.7889	.4660-01	-.4850-01	-3.708	.1310-01
20	10.000	.86000	53.000	94.73	.8232	.4860-01	-.4060-01	-3.700	.1100-01
20	10.000	.87500	50.000	44.42	.3861	.2280-01	-.1409	-3.801	.3710-01
20	11.000	.85000	54.000	87.96	.7644	.4510-01	-.5410-01	-3.714	.1460-01
20	12.000	.87500	49.000	42.26	.3673	.2170-01	-.1453	-3.805	.3820-01
20	13.000	.83000	47.000	182.6	1.587	.9370-01	.1348	-3.525	-.3820-01
20	14.000	.83500	48.000	129.7	1.127	.6650-01	.2920-01	-3.630	-.8000-02
20	15.000	.91000	35.000	78.83	.6851	.4040-01	-.7230-01	-3.732	.1940-01
20	15.000	.99100	41.000	75.08	.6524	.3850-01	-.7980-01	-3.739	.2130-01
20	16.000	.70000	25.000	102.4	.8900	.5250-01	-.2530-01	-3.685	.6900-02
20	16.000	.85000	29.000	129.3	1.124	.6630-01	-.2840-01	-3.631	-.7800-02
20	16.000	.99100	40.000	136.6	1.187	.7010-01	.4290-01	-3.617	-.1190-01
20	17.000	.99000	39.000	116.3	1.010	.5360-01	.2400-02	-3.657	-.7000-03
20	18.000	.25000	21.000	118.1	1.027	.6060-01	.6100-02	-3.654	-.1700-02
20	18.000	.50000	23.000	112.8	.9801	.5790-01	-.4600-02	-3.664	.1200-02
20	18.000	.85000	28.000	180.2	1.566	.9240-01	.1300	-3.530	-.3680-01
20	18.000	.98300	38.000	109.6	.9521	.5620-01	-.1100-01	-3.671	.3000-02
20	19.000	.85000	32.000	120.5	1.047	.6180-01	.1080-01	-3.649	-.3000-02
20	20.000	.85000	31.000	84.88	.7377	.4350-01	-.6020-01	-3.720	.1620-01

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CPI/SI
17	1.0000	.00000	1.0000	811.6	11.94	.3305	1.750	-3.868	-3.868	-.4524
17	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
17	1.0000	.75000-01	5.0000	240.9	3.545	.9810-01	.4070	-5.211	-5.211	-.7810-01
17	1.0000	.15000	13.000	288.1	4.240	.1173	.5180	-5.100	-5.100	-.1016
17	1.0000	.16000	15.000	522.9	7.697	.2130	1.071	-4.548	-4.548	-.2354
17	1.0000	.18000	16.000	618.1	9.097	.2517	1.295	-4.324	-4.324	-.2994
17	1.0000	.22000	20.000	58.10	.8551	.2370-01	-.2320-01	-5.641	-5.641	.4100-02
17	1.0000	.50000	22.000	72.81	1.072	.2970-01	.1140-01	-5.607	-5.607	-.2000-02
17	1.0000	.80000	26.000	90.74	1.336	.3700-01	.5360-01	-5.565	-5.565	-.9600-02
17	2.0000	.00000	1.0000	811.6	11.94	.3305	1.750	-3.868	-3.868	-.4524
17	2.0000	.25000-01	3.0000	192.2	2.829	.7830-01	.2924	-5.326	-5.326	-.5490-01
17	2.0000	.50000-01	4.0000	126.8	1.867	.5170-01	.1386	-5.480	-5.480	-.2530-01
17	2.0000	.75000-01	6.0000	123.2	1.814	.5020-01	.1301	-5.489	-5.489	-.2370-01
17	2.0000	.10000+00	11.000	108.1	1.591	.4400-01	.9450-01	-5.524	-5.524	-.1710-01
17	2.0000	.12500	12.000	67.54	.9940	.2750-01	-.1000-02	-5.619	-5.619	.2000-03
17	2.0000	.15000	14.000	160.2	2.358	.6520-01	.2171	-5.401	-5.401	-.4020-01
17	2.0000	.50000	24.000	61.48	9049	.2500-01	-.1520-01	-5.633	-5.633	.2700-02
17	2.0000	.80000	27.000	150.4	2.213	.6120-01	.1939	-5.424	-5.424	-.3580-01
17	2.0000	.85000	30.000	74.54	1.097	.3040-01	.1550-01	-5.603	-5.603	-.2800-02
17	2.0000	.90000	36.000	33.17	.4881	.1350-01	-.8180-01	-5.700	-5.700	.1440-01
17	2.0000	.95000	37.000	37.18	.5472	.1510-01	-.7240-01	-5.691	-5.691	.1270-01
17	3.0000	.10000+00	10.000	116.5	1.715	.4750-01	.1143	-5.504	-5.504	-.2080-01
17	4.0000	.10000+00	9.0000	119.0	1.751	.4850-01	.1201	-5.498	-5.498	-.2180-01
17	5.0000	.10000+00	8.0000	106.2	1.564	.4330-01	.9010-01	-5.528	-5.528	-.1630-01
17	6.0000	.10000+00	7.0000	102.5	1.508	.4170-01	.8120-01	-5.537	-5.537	-.1470-01
17	7.0000	.17000	17.000	604.7	8.899	.2463	1.263	-4.355	-4.355	-.2900
17	7.0000	.18000	18.000	447.2	6.582	.1821	.8924	-4.726	-4.726	-.1888

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
17	7.0000	.20000	19.000	160.0	2.354	.6510-01	.2165	-5.402	-.4010-01
17	8.0000	.83000	46.000	172.8	2.544	.7040-01	.2468	-5.371	-.4590-01
17	9.0000	.85000	52.000	50.23	.7392	.2050-01	-	-5.660	-.7400-02
17	10.000	.79000	42.000	180.4	2.655	.7350-01	.2645	-5.354	-.4940-01
17	10.000	.79500	43.000	184.9	2.721	.7530-01	.2752	-5.343	-.5150-01
17	10.000	.81000	44.000	184.2	2.711	.7500-01	.2736	-5.345	-.5120-01
17	10.000	.83000	45.000	111.6	1.643	.4550-01	.1028	-5.515	-.1860-01
17	10.000	.84000	51.000	52.77	.7767	.2150-01	-	-5.654	.6300-02
17	10.000	.86000	53.000	50.89	.7489	.2070-01	.4010-01	-5.658	.7100-02
17	10.000	.87500	50.000	24.43	.3595	.9900-02	.1024	-5.721	.1790-01
17	11.000	.85000	54.000	44.39	.6533	.1810-01	-	-5.674	.9800-02
17	12.000	.87500	49.000	24.90	.3664	.1010-01	-	-5.720	.1770-01
17	13.000	.83000	47.000	104.6	1.540	.4260-01	.8640-01	-5.532	-.1560-01
17	14.000	.83500	48.000	65.01	.9568	.2650-01	-	-5.625	.1200-02
17	15.000	.91000	35.000	47.80	.7034	.1950-01	-	-5.666	.8400-02
17	16.000	.99100	41.000	42.04	.6187	.1710-01	-	-5.679	.1070-01
17	16.000	.70000	25.000	60.38	.6887	.2460-01	-	-5.636	.3200-02
17	16.000	.85000	29.000	79.34	1.168	.3230-01	.2680-01	-5.591	-.4800-02
17	16.000	.99100	40.000	83.56	1.230	.7400-01	.3670-01	-5.581	-.6600-02
17	17.000	.99000	39.000	74.62	1.098	.3040-01	.1570-01	-5.603	-.2800-02
17	18.000	.25000	21.000	77.84	1.146	.3170-01	.2330-01	-5.595	-.4200-02
17	18.000	.50000	23.000	71.00	1.045	.2890-01	.7200-02	-5.611	-.1300-02
17	18.000	.85000	28.000	115.9	1.706	.4720-01	.1129	-5.505	-.2050-01
17	18.000	.98300	38.000	71.31	1.050	.2900-01	.7900-02	-5.610	-.1400-02
17	19.000	.85000	32.000	78.23	1.151	.3190-01	.2420-01	-5.594	-.4300-02
17	20.000	.85000	31.000	43.63	.6421	.1780-01	-	-5.675	.1010-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
 IHI1, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
17	1.0000	.00000	1.0000	717.1	10.55	.2920	1.528	-4.091	-.3734
17	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
17	1.0000	.75000-01	5.0000	188.0	2.767	.7660-01	.2825	-5.336	-.5300-01
17	1.0000	.15000	13.000	220.3	3.243	.8970-01	.3585	-5.260	-.6820-01
17	1.0000	.16000	15.000	419.8	6.178	.1709	.8279	-4.790	-.1728
17	1.0000	.18000	16.000	510.8	7.518	.2080	1.042	-4.576	-.2277
17	1.0000	.22000	20.000	46.63	.6864	.1900-01	-.5010-01	-5.669	.8800-02
17	1.0000	.50000	22.000	59.05	.8691	.2400-01	-.2090-01	-5.639	.3700-02
17	1.0000	.80000	26.000	77.36	1.139	.3150-01	.2220-01	-5.596	-.4000-02
17	2.0000	.00000	1.0700	717.1	10.55	.2920	1.528	-4.091	-.3734
17	2.0000	.25000-01	3.0000	161.5	2.376	.6570-01	.2200	-5.398	-.4080-01
17	2.0000	.50000-01	4.0000	116.1	1.709	.4730-01	.1133	-5.505	-.2060-01
17	2.0000	.75000-01	6.0000	115.6	1.701	.4710-01	.1120	-5.505	-.2030-01
17	2.0000	.10000+00	11.000	97.24	1.431	.3960-01	.6900-01	-5.549	-.1240-01
17	2.0000	.12500	12.000	38.78	.5707	.1580-01	-.6860-01	-5.687	.1210-01
17	2.0000	.15000	14.000	137.5	2.023	.5600-01	.1636	-5.455	-.3000-01
17	2.0000	.50000	24.000	65.42	.9628	.2660-01	-.5900-02	-5.624	.1100-02
17	2.0000	.80000	27.000	184.9	2.721	.7530-01	.2751	-5.343	-.5150-01
17	2.0000	.85000	30.000	78.15	1.150	.3180-01	.2400-01	-5.594	-.4300-02
17	2.0000	.90000	36.000	27.38	.4030	.1120-01	-.9540-01	-5.714	.1670-01
17	2.0000	.95000	37.000	44.20	.6505	.1800-01	-.5590-01	-5.674	.9800-02
17	3.0000	.10000+00	10.000	100.9	1.486	.4110-01	.7760-01	-5.541	-.1400-01
17	4.0000	.10000+00	9.0000	112.8	1.660	.4590-01	.1056	-5.513	-.1910-01
17	5.0000	.10000+00	8.0000	101.6	1.496	.4140-01	.7930-01	-5.539	-.1430-01
17	6.0000	.10000+00	7.0000	101.3	1.491	.4130-01	.7860-01	-5.540	-.1420-01
17	7.0000	.17000	17.000	495.7	7.295	.2019	1.007	-4.612	-.2182
17	7.0000	.18000	18.000	369.3	5.436	.1504	.7092	-4.909	-.1445

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
17	7.0000	.20000	19.000	132.4	1.948	.5390-01	.1516	-5.467	-.2770-01
17	8.0000	.83000	46.000	191.4	2.817	.7790-01	.2905	-5.328	-.5450-01
17	9.0000	.85000	52.000	63.44	.9337	.2580-01	-1.060-01	-5.629	.1900-02
17	10.000	.79000	42.000	197.6	2.908	.8050-01	.3051	-5.313	-.5740-01
17	10.000	.79500	43.000	205.1	3.019	.8350-01	.3228	-5.296	-.6100-01
17	10.000	.81000	44.000	212.2	3.123	.8640-01	.3394	-5.279	-.6430-01
17	10.000	.83000	45.000	146.4	2.155	.5960-01	.1847	-5.434	-.3400-01
17	10.000	.84000	51.000	60.61	.8921	.2470-01	-1.720-01	-5.636	.3100-02
17	10.000	.86000	53.000	61.65	.9074	.2510-01	-1.480-01	-5.633	.2600-02
17	10.000	.87500	50.000	22.04	.3244	.9000-02	-1.080	-5.726	.1890-01
17	11.000	.85000	54.000	56.38	.8298	.2300-01	-2.720-01	-5.646	.4800-02
17	12.000	.87500	49.000	22.98	.3382	.9400-02	-1.058	-5.724	.1850-01
17	13.000	.83000	47.000	111.9	1.647	.4560-01	.1034	-5.515	-.1880-01
17	14.000	.83500	48.000	100.8	1.483	.4100-01	.7730-01	-5.541	-.1390-01
17	15.000	.91000	35.000	49.93	.7350	.2030-01	-4.240-01	-5.661	.7500-02
17	15.000	.99100	41.000	35.49	.5224	.1450-01	-7.640-01	-5.695	.1340-01
17	16.000	.70000	25.000	49.07	.7222	.2000-01	-4.440-01	-5.663	.7800-02
17	16.000	.85000	29.000	58.03	.8541	.2360-01	-2.330-01	-5.642	.4100-02
17	16.000	.95100	40.000	59.20	.8714	.2410-01	-2.060-01	-5.639	.3600-02
17	17.000	.99000	39.000	54.59	.8035	.2220-01	-3.140-01	-5.650	.5600-02
17	18.000	.25000	21.000	67.93	.9998	.2770-01	.0000	-5.618	.0000
17	18.000	.50000	23.000	63.37	.9327	.2580-01	-1.080-01	-5.629	.1900-02
17	18.000	.85000	28.000	77.60	1.142	.3160-01	-2.270-01	-5.596	-.4100-02
17	18.000	.98300	38.000	64.24	.9455	.2620-01	-8.700-02	-5.627	.1500-02
17	19.000	.85000	32.000	86.95	1.280	.3540-01	.4470-01	-5.574	-.8000-02
17	20.000	.85000	31.000	61.17	.9004	.2490-01	-1.590-01	-5.634	.2800-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RAY	X/L/REF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
17	.0000	1.0000	633.1	9.317	.2578	1.330	-4.289	-.3100
17	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
17	.75000-01	5.0000	149.3	2.198	.6080-01	.1915	-5.427	-.3530-01
17	.15000	13.000	178.6	2.628	.7270-01	.2603	-5.358	-.4860-01
17	.16000	15.000	330.3	4.861	.1345	.6172	-5.001	-.1234
17	.18000	16.000	420.1	6.183	.1711	.8286	-4.790	-.1730
17	.22000	20.000	37.48	.5516	.1530-01	-.7170-01	-5.690	.1260-01
17	.50000	22.000	45.27	.6662	.1840-01	-.5340-01	-5.672	.9400-02
17	.80000	26.000	76.63	1.128	.3120-01	.2040-01	-5.598	-.3600-02
17	.00000	1.0000	633.1	9.317	.2578	1.330	-4.289	-.3100
17	.25000-01	3.0000	148.8	2.190	.6060-01	.1902	-5.428	-.3500-01
17	.50000-01	4.0000	104.8	1.542	.4270-01	.8660-01	-5.532	-.1570-01
17	.75000-01	6.0000	103.9	1.529	.4230-01	.8460-01	-5.534	-.1530-01
17	.10000*00	11.000	119.2	1.753	.4850-01	1.205	-5.498	-.2190-01
17	.12500	12.000	30.10	.4429	.1230-01	-.8910-01	-5.708	-.1560-01
17	.15000	14.000	118.4	1.742	.4820-01	.1186	-5.500	-.2160-01
17	.50000	24.000	74.04	1.089	.3010-01	.1430-01	-5.604	-.2600-02
17	.80000	27.000	243.0	3.576	.9890-01	.4118	-5.207	-.7910-01
17	.85000	30.000	101.5	1.493	.4130-01	.7890-01	-5.540	-.1420-01
17	.90000	36.000	32.30	.4753	.1320-01	-.8390-01	-5.702	-.1470-01
17	.95000	37.000	35.99	.5297	.1470-01	-.7520-01	-5.694	-.1320-01
17	.10000*00	10.000	107.7	1.585	.4380-01	.9350-01	-5.525	-.1690-01
17	.10000*00	9.0000	105.6	1.555	.4300-01	.8870-01	-5.530	-.1600-01
17	.10000*00	8.0000	100.6	1.480	.4100-01	.7690-01	-5.542	-.1390-01
17	.10000*00	7.0000	97.30	1.432	.3960-01	.6910-01	-5.549	-.1240-01
17	.17000	17.000	396.7	5.838	.1615	.7735	-4.845	-.1596
17	.18000	18.000	304.3	4.478	.1239	.5560	-5.063	-.1098

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OT. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
17	7.0000	.20000	19.000	109.2	1.608	.4450-01	.9720-01	-5.521	-1760-01
17	8.0000	.83000	46.000	220.4	3.243	.8970-01	.3587	-5.260	-6820-01
17	9.0000	.85000	52.000	98.36	1.448	.4000-01	.7160-01	-5.547	-1290-01
17	10.0000	.79000	42.000	230.2	3.387	.9370-01	.3817	-5.237	-7290-01
17	10.0000	.79500	43.000	241.6	3.555	.9840-01	.4085	-5.210	-7840-01
17	10.0000	.81000	44.000	254.6	3.748	.1037	.4393	-5.179	-8480-01
17	10.0000	.83000	45.000	192.2	2.828	.7820-01	.2923	-5.326	-5490-01
17	10.0000	.84000	51.000	79.17	1.165	.3220-01	.2640-01	-5.592	-4700-02
17	10.0000	.86000	53.000	84.25	1.240	.3430-01	.3830-01	-5.580	-6900-02
17	10.0000	.87500	50.000	16.97	.2498	.6900-02	.1199	-5.738	.2090-01
17	11.0000	.85000	54.000	80.58	1.186	.3280-01	.2970-01	-5.589	-.5300-02
17	12.0000	.87500	49.000	21.11	.3107	.8600-02	-1.102	-5.729	.1920-01
17	13.0000	.83000	47.000	153.5	2.259	.6250-01	.2013	-5.417	-3720-01
17	14.0000	.91000	48.000	130.7	1.924	.5320-01	.1477	-5.471	-.2700-01
17	15.0000	.91000	35.000	58.24	.8570	.2370-01	-.2290-01	-5.641	.4100-02
17	15.0000	.99100	41.000	32.03	.4713	.1300-01	-.8450-01	-5.703	.1480-01
17	16.0000	.70000	25.000	41.49	.6106	.1690-01	.6230-01	-5.681	.1100-01
17	16.0000	.85000	29.000	42.20	.6210	.1720-01	.6060-01	-5.679	.1070-01
17	16.0000	.99100	40.000	47.65	.7012	.1940-01	.4780-01	-5.666	.8400-02
17	17.0000	.99000	39.000	48.12	.7081	.1360-01	-.4670-01	-5.665	.8200-02
17	18.0000	.25000	21.000	62.01	.9126	.2520-01	-.1400-01	-5.633	.2500-02
17	18.0000	.50000	23.000	55.88	.8223	.2280-01	-.2840-01	-5.647	.5000-02
17	18.0000	.85000	28.000	76.87	1.131	.3130-01	.2100-01	-5.598	-.3700-02
17	18.0000	.98300	38.000	47.00	.6916	.1910-01	-.4930-01	-5.668	.8700-02
17	19.0000	.85000	32.000	114.0	1.677	.4640-01	.1083	-5.510	-.1960-01
17	20.0000	.85000	31.000	77.97	1.147	.3170-01	.2360-01	-5.595	-.4200-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OT, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
14	1.0000	.00000	1.0000	595.0	13.26	.710	1.420	-7.446	-.1908
14	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
14	1.0000	.75000-01	5.0000	119.5	2.664	.3440-01	1.928	-8.674	-.2220-01
14	1.0000	.15000	13.0000	126.1	2.810	.7620-01	.2096	-8.657	-.2420-01
14	1.0000	.16000	15.0000	278.1	6.198	.990-01	.6022	-8.264	-.7290-01
14	1.0000	.18000	16.0000	374.0	8.335	.1075	.8498	-8.017	-.1060
14	1.0000	.22000	20.0000	29.86	.6654	.8600-02	-.3880-01	-8.905	.4400-02
14	1.0000	.50000	22.0000	31.50	.7022	.9100-02	.3450-01	-8.901	.3900-02
14	1.0000	.80000	26.0000	43.13	.9612	.1240-01	.4500-02	-8.871	.5000-03
14	2.0000	.00000	1.0000	595.0	13.26	.1710	1.420	-7.446	-.1908
14	2.0000	.25000-01	3.0000	116.4	2.594	.3350-01	.1847	-8.682	-.2130-01
14	2.0000	.50000-01	4.0000	86.08	1.919	.2470-01	.1064	-8.760	-.1210-01
14	2.0000	.75000-01	6.0000	84.44	1.882	.2430-01	.1022	-8.764	-.1170-01
14	2.0000	.10000+00	11.0000	77.45	1.726	.2230-01	.8410-01	-8.782	-.9600-02
14	2.0000	.12500	12.0000	27.97	.6234	.8000-02	.4360-01	-8.910	.4900-02
14	2.0000	.15000	14.0000	66.45	1.481	.1910-01	.5570-01	-8.811	-.6300-02
14	2.0000	.50000	24.0000	52.94	1.180	.1520-01	.2090-01	-8.846	-.2400-02
14	2.0000	.80000	27.0000	166.6	3.713	.4790-01	.3143	-8.552	-.3670-01
14	2.0000	.85000	30.0000	75.01	1.672	.2160-01	.7780-01	-8.789	-.8900-02
14	2.0000	.90000	36.0000	23.02	.5131	.6600-02	.5640-01	-8.923	.6300-02
14	2.0000	.95000	37.0000	24.04	.5359	.6900-02	.5380-01	-8.920	.6000-02
14	3.0000	.10000+00	10.0000	79.96	1.782	.2300-01	.9060-01	-8.776	-.1030-01
14	4.0000	.10000+00	9.0000	81.76	1.822	.2350-01	.9530-01	-8.771	-.1090-01
14	5.0000	.10000+00	8.0000	81.69	1.821	.2350-01	.9510-01	-8.771	-.1080-01
14	6.0000	.10000+00	7.0000	80.82	1.801	.2320-01	.9280-01	-8.774	-.1060-01
14	7.0000	.17000	17.0000	343.5	7.656	.9870-01	.7711	-8.095	-.9530-01
14	7.9000	.18000	18.0000	251.8	5.612	.72.0-01	.5343	-8.332	-.6410-01

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
14	7.0000	.20000	19.000	88.52	1.973	.2540-01	.1127	-8.754	-.1290-01
14	8.0000	.83000	46.000	166.6	3.713	.4790-01	.3143	-8.552	-.3680-01
14	9.0000	.85000	52.000	63.87	1.424	.1840-01	.4910-01	-8.817	-.5600-02
14	10.000	.79000	42.000	173.6	3.870	.4990-01	.3325	-8.534	-.3900-01
14	10.000	.79500	43.000	181.8	4.053	.5230-01	.3537	-8.513	-.4150-01
14	10.000	.81000	44.000	195.0	4.346	.5610-01	.3877	-8.479	-.4570-01
14	10.000	.83000	45.000	141.6	3.155	.4070-01	.2497	-8.617	-.2900-01
14	10.000	.84000	51.000	54.00	1.204	.1550-01	.2360-01	-8.843	-.2700-02
14	10.000	.86000	53.000	55.78	1.243	.1600-01	.2820-01	-8.838	-.3200-02
14	10.000	.87500	50.000	11.85	.2642	.3400-02	-.8520-01	-8.952	.9500-02
14	11.000	.85000	54.000	55.03	1.227	.1580-01	.2620-01	-8.840	-.3000-02
14	12.000	.87500	49.000	15.52	.3460	.4500-02	-.7580-01	-8.942	.8500-02
14	13.000	.83000	47.000	102.4	2.281	.2940-01	.1484	-8.718	-.1700-01
14	14.000	.83500	48.000	84.76	1.889	.2440-01	.1030	-8.764	-.1180-01
14	15.000	.91000	35.000	38.57	.8597	.1110-01	-.1630-01	-8.883	.1800-02
14	15.000	.99100	41.000	21.92	.4885	.6300-02	-.5930-01	-8.926	.6600-02
14	16.000	.70000	25.000	28.83	.6427	.8300-02	-.4140-01	-8.908	.4600-02
14	16.000	.85000	29.000	26.48	.5902	.7600-02	-.4750-01	-8.914	.5300-02
14	16.000	.99100	40.000	29.44	.6563	.8500-02	-.3980-01	-8.906	.4500-02
14	17.000	.99000	39.000	34.43	.7674	.5300-02	-.2700-01	-8.893	.3000-02
14	18.000	.25000	21.000	41.56	.9262	.1190-01	-.8500-02	-8.875	.1000-02
14	18.000	.50000	23.000	37.63	.8387	.1080-01	-.1870-01	-8.885	.2100-02
14	18.000	.85000	28.000	53.73	1.198	.1540-01	.2290-01	-8.844	-.2600-02
14	18.000	.98300	38.000	33.78	.7529	.9700-02	-.2860-01	-8.895	.3200-02
14	19.000	.85000	32.000	85.53	1.906	.2460-01	.1050	-8.762	-.1200-01
14	20.000	.85000	31.000	57.73	1.287	.1660-01	.3320-01	-8.833	-.3800-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
14	7.0000	.20000	19.000	110.7	2.470	.3190-01	.1703	-8.696	-.1960-01
14	8.0000	.83000	46.000	144.4	3.219	.4150-01	.2571	-8.609	-.2990-01
14	9.0000	.85000	52.000	46.36	1.034	.1330-01	.3900-02	-8.862	-.4000-03
14	10.000	.79000	42.000	136.7	3.047	.3930-01	.2372	-8.629	-.2750-01
14	10.000	.79500	43.000	141.6	3.158	.4070-01	.2501	-8.616	-.2900-01
14	10.000	.81000	44.000	142.1	3.169	.4090-01	.2513	-8.615	-.2920-01
14	10.000	.83000	45.000	123.3	2.750	.3550-01	.2027	-8.663	-.2340-01
14	10.000	.84000	51.000	42.13	.9394	.1210-01	-.7000-02	-8.873	-.8000-03
14	10.000	.86000	53.000	42.79	.9541	.1230-01	.5300-02	-8.871	-.6000-03
14	10.000	.87500	50.000	15.23	.3396	.4400-02	-.7650-01	-8.942	-.8600-02
14	11.000	.85000	54.000	39.50	.8807	.1140-01	-.1380-01	-8.880	-.1600-02
14	12.000	.87500	49.000	16.64	.3710	.4800-02	.7290-01	-8.939	-.8200-02
14	13.000	.83000	47.000	81.35	1.814	.2340-01	.9430-01	-8.772	-.1080-01
14	14.000	.83500	48.000	62.26	1.388	.1790-01	.4500-01	-8.821	-.5100-02
14	15.000	.91000	35.000	32.01	.7139	.9200-02	-.3320-01	-8.899	-.3700-02
14	16.000	.99100	41.000	24.26	.5409	.7000-02	-.5320-01	-8.919	-.6000-02
14	16.000	.85000	29.000	33.51	.7472	.9600-02	-.2930-01	-8.895	-.3300-02
14	16.000	.99100	40.000	35.55	.7927	.1020-01	-.2400-01	-8.890	-.2700-02
14	17.000	.99000	39.000	39.50	.8807	.1140-01	-.1320-01	-8.880	-.1600-02
14	18.000	.25000	21.000	38.84	.8660	.1120-01	-.1550-01	-8.882	-.1700-02
14	18.000	.50000	48.83	48.83	1.089	.1400-01	.1030-01	-8.856	-.1200-02
14	18.000	.85000	23.000	42.23	.9417	.1210-01	-.6800-02	-8.873	-.8000-03
14	18.000	.85000	28.000	55.43	1.236	.1590-01	.2730-01	-8.839	-.3100-02
14	18.000	.98300	38.000	45.29	1.010	.1300-01	.1200-02	-8.865	-.1000-03
14	19.000	.85000	32.000	68.63	1.530	.1970-01	.6150-01	-8.805	-.7000-02
14	20.000	.85000	31.000	37.83	.8435	.1090-01	-.1810-01	-8.884	-.2000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, ORBITER FUSELAGE

ORBITER FUSELAGE

PAGE 111
(RG1808)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	O PSF	TO DEG R
14	3.511	-4.983	X10 6 1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CP(SI)
14	1.0000	.00000	1.0000	820.0	18.27	.2358	2.001	-6.863	-2916	
14	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	
14	1.0000	.75000-01	5.0000	216.4	4.822	.6220-01	.4428	-8.422	-5260-01	
14	1.0000	.15000	13.000	234.7	5.230	.6750-01	.4901	-8.374	-5850-01	
14	1.0000	.18000	15.000	495.1	11.03	.1424	1.162	-7.702	-1509	
14	1.0000	.22000	16.000	614.5	13.69	.1767	1.471	-7.393	-1990	
14	1.0000	.50000	20.000	52.56	1.171	.1510-01	.1980-01	-8.845	-2200-02	
14	1.0000	.80000	22.000	52.79	1.176	.1520-01	.2040-01	-8.844	-2300-02	
14	2.0000	.00000	1.0000	53.11	1.183	.1530-01	.2130-01	-8.843	-2400-02	
14	2.0000	.25000-01	3.0000	820.0	18.27	.2358	2.001	-6.863	-2916	
14	2.0000	.50000-01	4.0000	153.8	3.427	.4420-01	.2812	-8.583	-3280-01	
14	2.0000	.75000-01	6.0000	117.4	2.615	.3370-01	.1871	-8.677	-2160-01	
14	2.0000	.10000+00	11.000	90.64	2.020	.2610-01	.1182	-8.745	-1350-01	
14	2.0000	.12500	12.000	93.71	2.088	.2690-01	.1261	-8.738	-1440-01	
14	2.0000	.15000	14.000	46.82	1.043	.1350-01	.5000-02	-8.859	-6000-03	
14	2.0000	.50000	24.000	126.5	2.820	.3640-01	.2109	-8.654	-2440-01	
14	2.0000	.85000	27.000	46.19	1.029	.1330-01	.3400-02	-8.861	-4000-03	
14	2.0000	.90000	30.000	112.6	2.510	.3240-01	.1750	-8.689	-2010-01	
14	2.0000	.95000	36.000	62.22	1.386	.1790-01	.4480-01	-8.820	-5100-02	
14	3.0000	.10000+00	37.000	19.73	.4396	.5700-02	-.6490-01	-3.929	-7300-02	
14	4.0000	.10000+00	10.000	28.05	.6252	.8100-02	-.4340-01	-8.908	-4900-02	
14	5.0000	.10000+00	9.0000	90.41	2.015	.2600-01	.1176	-8.747	-1340-01	
14	6.0000	.10000+00	8.0000	88.45	1.971	.2540-01	.1125	-8.752	-1290-01	
14	7.0000	.10000+00	7.0000	87.19	1.943	.2510-01	.1093	-8.755	-1250-01	
14	7.0000	.17000	17.000	80.83	1.801	.2320-01	.9280-01	-8.772	-1060-01	
14	7.0000	.18000	18.000	588.9	13.12	.1693	1.405	-7.460	-1883	
				421.7	9.397	.1212	.9729	-7.891	-1233	

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CP(I/SI)
14	7.0000	.20000	19.000	144.7	3.224	.4160-01	.2577	-8.607	-.2990-01
14	8.0000	.83000	46.000	123.2	2.745	.3540-01	.2021	-8.662	-.2330-01
14	9.0000	.85000	52.000	39.93	.8899	.1150-01	.1280-01	-8.877	.1400-02
14	10.0000	.79000	42.000	135.3	3.015	.3890-01	.2335	-8.631	-.2710-01
14	10.0000	.79500	43.000	139.1	3.101	.4000-01	.2434	-8.621	-.2820-01
14	10.0000	.81000	44.000	137.2	3.057	.3940-01	.2383	-8.626	-.2760-01
14	10.0000	.83000	45.000	110.5	2.462	.3180-01	.1694	-8.695	-.1950-01
14	10.0000	.84000	51.000	36.64	.8166	.1050-01	-.2130-01	-8.886	.2400-02
14	10.0000	.86000	53.000	35.83	.8208	.1060-01	-.2080-01	-8.885	.2300-02
14	10.0000	.87500	50.000	13.98	.3115	.4000-02	-.7980-01	-8.944	.8900-02
14	11.0000	.85000	54.000	33.45	.7453	.9610-02	-.2950-01	-8.894	.3300-02
14	12.0000	.87500	49.000	15.48	.3450	.4500-02	-.7590-01	-8.940	.8500-02
14	13.0000	.83000	47.000	77.65	1.730	.2230-01	.8460-01	-8.780	-.9600-02
14	14.0000	.83500	48.000	45.20	1.007	.1300-01	.8000-03	-8.864	-.1000-03
14	15.0000	.91000	35.000	30.49	.6794	.8800-02	-.3710-01	-8.902	.4200-02
14	15.0000	.99100	41.000	26.02	.5798	.7500-02	-.4870-01	-8.913	.5500-02
14	16.0000	.70000	25.000	41.09	.9157	.1180-01	-.9800-02	-8.874	.1100-02
14	16.0000	.85000	29.000	48.63	1.084	.1400-01	.9700-02	-6.855	-.1100-02
14	16.0000	.99100	40.000	53.38	1.190	.1530-01	.2200-01	-8.842	-.2500-02
14	17.0000	.99000	39.000	53.57	1.194	.1540-01	.2250-01	-8.842	-.2500-02
14	18.0000	.25000	21.000	61.67	1.374	.1770-01	.4340-01	-8.821	-.4900-02
14	18.0000	.50000	23.000	51.30	1.143	.1480-01	.1660-01	-8.848	-.1900-02
14	18.0000	.85000	28.000	78.94	1.759	.2270-01	.8800-01	-8.776	-.1000-01
14	18.0000	.98300	38.000	48.47	1.080	.1390-01	.9300-02	-8.855	-.1000-02
14	13.0000	.85000	32.000	61.51	1.371	.1770-01	.4300-01	-8.821	-.4900-02
14	20.0000	.85000	31.000	32.69	.7284	.9400-02	-.3150-01	-8.896	-.3500-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P1/P PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
19	1.0000	.00000	1.0000	8.413	.4966	1.702	1.702	-1.958	-.8692
19	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
19	1.0000	.75000-01	5.0000	2.863	.1690	.4278	.4278	-3.232	-.1324
19	1.0000	.15000	13.000	467.1	4.058	.7020	.7020	-2.958	-.2374
19	1.0000	.16000	15.000	637.3	5.536	.3268	1.041	-2.618	-.3978
19	1.0000	.18000	16.000	718.3	6.240	.3683	1.203	-2.457	-.4897
19	1.0000	.22000	20.000	86.37	.7503	.4430-01	-.5730-01	-3.717	.1540-01
19	1.0000	.50000	22.000	118.8	1.032	.6090-01	.7400-02	-3.652	-.2000-02
19	1.0000	.80000	26.000	180.3	1.566	.9240-01	1.299	-3.530	-.3680-01
19	2.0000	.00000	1.0000	968.4	8.413	.4966	1.702	-1.958	-.8692
19	2.0000	.25000-01	3.0000	274.7	2.386	.1409	.3183	-3.341	-.9530-01
19	2.0000	.50000-01	4.0000	177.9	1.545	.9120-01	.1252	-3.534	-.3540-01
19	2.0000	.75000-01	6.0000	156.5	1.360	.8030-01	.8260-01	-3.577	-.2310-01
19	2.0000	.10000+00	11.000	216.3	1.879	.1109	.2019	-3.458	-.5840-01
19	2.0000	.12500	12.000	167.3	1.453	.8580-01	1.041	-3.556	-.2530-01
19	2.0000	.15000	14.000	206.2	1.791	.1057	.1816	-3.478	-.5220-01
19	2.0000	.50000	24.000	76.71	.6664	.3930-01	-.7660-01	-3.736	-.2050-01
19	2.0000	.80000	27.000	250.7	2.178	.1286	.2705	-3.389	-.7980-01
19	2.0000	.85000	30.000	155.4	1.350	.7970-01	.8040-01	-3.579	-.2250-01
19	2.0000	.90000	36.000	47.64	.4138	.2440-01	-.1346	-3.794	-.3550-01
19	2.0000	.95000	37.000	65.47	.5688	.3360-01	-.9900-01	-3.759	-.2630-01
19	3.0000	.10000+00	10.000	173.0	1.502	.8870-01	.1154	-3.544	-.3250-01
19	4.0000	.10000+00	9.0000	164.1	1.425	.8410-01	.9770-01	-3.562	-.2740-01
19	5.0000	.10000+00	8.0000	178.2	1.548	.9140-01	.1259	-3.534	-.3560-01
19	6.0000	.10000+00	7.0000	145.3	1.262	.7450-01	.6020-01	-3.600	-.1670-01
19	7.0000	.17000	17.000	695.0	6.037	.3564	1.156	-2.503	-.4620
19	7.0000	.18000	18.000	489.9	4.256	.2512	.7475	-2.912	-.2567

IH11, MODEL 84-0T, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
19	7.000	.20000	19.000	175.6	1.526	.9010-01	.1207	-3.539	-.3410-01
19	8.000	.83000	46.000	220.3	1.914	.1130	.2098	-3.450	-.6080-01
19	9.000	.85000	52.000	123.4	1.072	.6330-01	.1660-01	-3.643	-.4600-02
19	10.000	.79000	42.000	269.0	2.337	.1380	.3070	-3.353	-.9160-01
19	10.000	.79500	43.000	291.1	2.529	.1493	.3511	-3.309	-.1061
19	10.000	.81000	44.000	301.0	2.615	.1544	.3708	-3.289	-.1127
19	10.000	.83000	45.000	215.1	1.869	.1103	.1995	-3.460	-.5770-01
19	10.000	.84000	51.000	98.31	.8541	.5040-01	-.3350-01	-3.693	-.9100-02
19	10.000	.86000	53.000	100.1	.8696	.5130-01	-.2990-01	-3.690	-.8100-02
19	10.000	.87500	50.000	23.62	.2052	.1210-01	-.1825	-3.842	-.4750-01
19	11.000	.85000	54.000	92.85	.8067	.4760-01	-.4440-01	-3.704	-.1200-01
19	12.000	.87500	49.000	26.63	.2314	.1370-01	-.1765	-3.836	-.4600-01
19	13.000	.83000	47.000	159.8	1.389	.8200-01	-.8920-01	-3.570	-.2500-01
19	14.000	.83500	48.000	83.92	.7290	.4300-01	-.6220-01	-3.722	-.1670-01
19	15.000	.91000	35.000	65.47	.5688	.3360-01	-.9900-01	-3.759	-.2630-01
19	15.000	.99100	41.000	71.41	.6203	.3660-01	-.8720-01	-3.747	-.2330-01
19	16.000	.70000	24.000	96.11	.8350	.4930-01	-.3790-01	-3.698	-.1020-01
19	16.000	.85000	29.000	116.3	1.010	.5960-01	-.2400-02	-3.657	-.7000-03
19	16.000	.99100	40.000	133.9	1.163	.6860-01	.3740-01	-3.622	-.1030-01
19	17.000	.99000	29.000	100.0	.8688	.5130-01	-.3010-01	-3.690	-.8200-02
19	18.000	.25000	21.000	90.22	.7838	.4630-01	-.4960-01	-3.709	-.1340-01
19	18.000	.50000	23.000	94.78	.8234	.4860-01	-.4050-01	-3.700	-.1100-01
19	18.000	.85000	28.000	144.8	1.258	.7430-01	-.5930-01	-3.600	-.1650-01
19	18.000	.98300	38.000	92.42	.8029	.4740-01	-.4530-01	-3.705	-.1220-01
19	19.000	.85000	32.000	130.5	1.133	.6690-01	-.3060-01	-3.629	-.8400-02
19	20.000	.85000	31.000	45.05	.3913	.2310-01	-.1397	-3.799	-.3680-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
19	1.0000	.00000	1.0000	878.3	7.631	.4505	1.522	-2.137	-.7123
19	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
19	1.0000	.75000-01	5.0000	264.9	2.301	.1359	.2988	-3.361	-.8890-01
19	1.0000	.15000	13.000	355.1	3.085	.1821	.4787	-3.181	-.1505
19	1.0000	.16000	15.000	536.5	4.662	.6752	.8406	-2.819	-.2982
19	1.0000	.18000	16.000	612.0	5.318	.3139	.9912	-2.668	-.3715
19	1.0000	.22000	20.000	67.88	.5898	.3480-01	-.9420-01	-3.754	.2510-01
19	1.0000	.50000	22.000	92.82	.8064	.4760-01	-.4440-01	3.704	.1200-01
19	1.0000	.80000	26.000	156.7	1.361	.8040-01	.8290-01	-3.577	-.2320-01
19	2.0000	.00000	1.0000	878.3	7.631	.4505	1.522	-2.137	-.7123
19	2.0000	.25000-01	3.0000	259.5	2.255	.1331	.2881	-3.371	-.8550-01
19	2.0000	.50000-01	4.0000	159.0	1.382	.8160-01	.8760-01	-3.572	-.2450-01
19	2.0000	.75000-01	6.0000	147.8	1.284	.7580-01	.6520-01	-3.594	-.1810-01
19	2.0000	1.0000+00	11.000	195.7	1.700	.1004	.1607	-3.499	-.4590-01
19	2.0000	.12500	12.000	137.1	1.191	.7030-01	.4390-01	-3.616	-.1210-01
19	2.0000	.15000	14.000	160.3	1.393	.8220-01	.9020-01	-3.569	-.2530-01
19	2.0000	.50000	24.000	75.83	.6588	.3890-01	-.7830-01	-3.738	-.2100-01
19	2.0000	.80000	27.000	325.5	2.828	.1670	.4197	-3.240	-.1296
19	2.0000	.85000	30.000	160.8	1.397	.8250-01	.9130-01	-3.568	-.2560-01
19	2.0000	.90000	36.000	38.94	.3384	.2000-01	-.1519	-3.812	-.3990-01
19	2.0000	.95000	37.000	64.03	.5563	.3280-01	-.1019	-3.762	-.2710-01
19	3.0000	1.0000+00	10.000	159.5	1.386	.8180-01	.8860-01	-3.571	-.2480-01
19	4.0000	1.0000+00	9.0000	146.3	1.271	.7500-01	.6220-01	-3.597	-.1730-01
19	5.0000	1.0000+00	8.0000	162.0	1.407	.8310-01	.9340-01	-3.566	-.2620-01
19	6.0000	1.0000+00	7.0000	133.5	1.160	.6650-01	.3680-01	-3.623	-.1020-01
19	7.0000	.17000	17.000	584.4	5.078	.2997	.9362	-2.724	-.3437
19	7.0000	.18000	18.000	404.2	3.512	.2073	.5768	-3.083	-.1871

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1809)

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
19	7.0000	.20000	19.000	144.4	1.255	.740-01	.5950-01	-3.601	-.1620-01
19	8.0000	.83000	46.000	299.7	2.604	.527	.3682	-3.291	-.1119
19	9.0000	.85000	52.000	120.1	1.043	.6160-01	.9900-02	-3.650	-.2700-02
19	10.000	.79000	42.000	335.6	2.916	.1721	.4399	-3.220	-.1366
19	10.000	.79500	43.000	387.4	3.366	.1987	.5432	-3.116	-.1743
19	10.000	.81000	44.000	416.4	3.618	.2136	.6010	-3.053	-.1965
19	10.000	.83000	45.000	260.3	2.262	.1335	.2897	-3.370	-.8600-01
19	10.000	.84000	51.000	87.95	.7642	.4510-01	-.5410-01	-3.714	-.1460-01
19	10.000	.86000	53.000	101.4	.8811	.5200-01	-.2730-01	-3.687	-.7400-02
19	10.000	.87500	50.000	21.20	.1842	.1090-01	-.1873	-3.847	-.4870-01
19	11.000	.85000	54.000	102.3	.8885	.5240-01	-.2560-01	-3.685	-.6900-02
19	12.000	.87500	49.000	24.03	.2088	.1230-01	-.1817	-3.641	-.4730-01
19	13.000	.83000	47.000	155.8	1.354	.7990-01	-.8120-01	-3.578	-.2270-01
19	14.000	.83500	48.000	82.59	.7175	.4240-01	-.6480-01	-3.725	-.1740-01
19	15.000	.91000	35.000	58.13	.5051	.2980-01	-.1136	-3.773	-.3010-01
19	15.000	.99100	41.000	73.55	.6390	.3770-01	-.8290-01	-3.743	-.2210-01
19	16.000	.70000	25.000	79.29	.6889	.4070-01	-.7140-01	-3.731	-.1910-01
19	16.000	.85000	29.000	95.33	.8283	.4890-01	-.3940-01	-3.699	-.1070-01
19	16.000	.99100	40.000	104.5	.9081	.5360-01	-.2110-01	-3.681	-.5700-02
19	17.000	.99000	39.000	85.50	.7429	.4390-01	-.5900-01	-3.719	-.1590-01
19	18.000	.25000	21.000	83.30	.7237	.4270-01	-.6340-01	-3.723	-.1700-01
19	18.000	.50000	23.000	80.39	.6985	.4120-01	-.6920-01	-3.729	-.1860-01
19	18.000	.85000	28.000	135.7	1.179	.6960-01	-.4110-01	-3.619	-.1130-01
19	18.000	.98300	38.000	79.60	.6916	.4080-01	-.7080-01	-3.730	-.1900-01
19	19.000	.85000	32.000	148.0	1.286	.7590-01	-.6570-01	-3.594	-.1830-01
19	20.000	.85000	31.000	56.72	.4928	.2910-01	-.1164	-3.776	-.3080-01

ORBITER FUSELAGE

IHI1, MODEL 84-0T, ORBITER FUSELAGE

(RG1809)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	X10 6 2.164	1950.	115.1	501.5	288.0

TEST DATA

RAY	RAY NUMBER	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
19	1.0000	.00000	1.0000	761.4	6.614	.3904	1.289	-2.371	-.5436
19	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
19	1.0000	.75000-01	5.0000	214.5	1.863	.1100	.1982	-3.461	-.5730-01
19	1.0000	.15000	13.000	276.7	2.404	.1419	.3223	-3.337	-.9660-01
19	1.0000	.16000	15.000	440.8	3.829	.2260	.6495	-3.010	-.2158
19	1.0000	.18000	16.000	512.5	4.452	.2628	.7925	-2.867	-.2764
19	1.0000	.22000	20.000	54.60	.4743	.2800-01	-.1207	-3.780	.3190-01
19	1.0000	.50000	22.000	77.15	.6701	.3960-01	-.7570-01	-3.735	.2030-01
19	1.0000	.80000	26.000	141.4	1.228	.7250-01	-.5240-01	-3.607	-.1450-01
19	2.0000	.00000	1.0000	761.4	6.614	.3904	1.289	-2.371	-.5436
19	2.0000	.25000-01	3.0000	248.5	2.158	.1274	.2659	-3.394	-.7830-01
19	2.0000	.50000-01	4.0000	161.0	1.399	.8260-01	.9150-01	-3.568	-.2570-01
19	2.0000	.75000-01	6.0000	142.4	1.237	.7300-01	.5440-01	-3.605	-.1510-01
19	2.0000	.10000+00	11.000	219.0	1.902	.1123	.2071	-3.452	-.6000-01
19	2.0000	.12500	12.000	78.32	.6803	.4020-01	-.7340-01	-3.733	.1970-01
19	2.0000	.15000	14.000	107.1	.9307	.5490-01	-.1530-01	-3.676	.4300-02
19	2.0000	.80000	24.000	85.39	.7417	.4380-01	-.5930-01	-3.719	.1590-01
19	2.0000	.85000	27.000	367.5	3.192	.1884	.5032	-3.157	-.1594
19	2.0000	.90000	30.000	181.7	1.578	.9320-01	.1327	-3.527	-.3760-01
19	2.0000	.95000	36.000	37.95	.3297	.1950-01	-.1539	-3.814	.4040-01
19	3.0000	.10000+00	37.000	63.95	.5555	.3280-01	-.1020	-3.762	.2710-01
19	3.0000	.10000+00	10.000	175.9	1.528	.9020-01	.1212	-3.539	-.3420-01
19	4.0000	.10000+00	9.0000	138.1	1.199	.7080-01	.4580-01	-3.614	-.1270-01
19	5.0000	.10000+00	8.0000	152.9	1.329	.7840-01	.7540-01	-3.584	-.2100-01
19	6.0000	.10000+00	7.0000	129.8	1.127	.6650-01	.2920-01	-3.630	-.8000-02
19	7.0000	.17000	17.000	483.5	4.200	.2479	.7347	-2.925	-.2512
19	7.0000	.18000	18.000	333.1	2.894	.1708	.4347	-3.225	-.1348

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1B09)

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
19	7.0000	.20000	19.000	121.2	1.053	.6210-01	.1210-01	-3.648	-.3300-02
19	8.0000	.83000	46.000	376.4	3.269	.1930	.5210	-3.139	-.1660
19	9.0000	.85000	52.000	132.3	1.147	.6770-01	.3380-01	-3.626	-.9300-02
19	10.000	.79000	42.000	437.3	3.799	.2242	.6425	-3.017	-.2129
19	10.000	.79500	43.000	489.7	4.254	.2511	.7469	-2.913	-.2564
19	10.000	.81000	44.000	507.8	4.411	.2604	.7831	-2.877	-.2722
19	10.000	.83000	45.000	318.2	2.764	.1631	.4049	-3.255	-.1244
19	10.000	.84000	51.000	100.2	.8704	.5140-01	-.2980-01	-3.690	.8100-02
19	10.000	.86000	53.000	114.3	.9929	.5860-01	-.1600-02	-3.661	.4000-03
19	10.000	.87500	50.000	35.41	.3076	.1820-01	.1590	-3.819	.4160-01
19	11.000	.85000	54.000	113.5	.9855	.5820-01	-.3300-02	-3.663	.9000-03
19	12.000	.87500	49.000	40.77	.3541	.2090-01	-.483	-3.808	.3890-01
19	13.000	.83000	47.000	207.9	1.806	.1066	.1849	-3.475	-.5320-01
19	14.000	.83500	48.000	124.7	1.083	.6400-01	.1920-01	-3.641	-.5300-02
19	15.000	.91000	35.000	76.44	.6640	.3920-01	-.7710-01	-3.737	.2060-01
19	15.000	.91000	41.000	75.00	.6515	.3850-01	-.8000-01	-3.740	.2140-01
19	16.000	.70000	25.000	67.56	.5869	.3460-01	-.9480-01	-3.755	.2530-01
19	16.000	.85000	29.000	79.42	.6899	.4070-01	-.7120-01	-3.731	.1910-01
19	16.000	.99100	40.000	92.87	.8067	.4760-01	-.4440-01	-3.704	.1200-01
19	17.000	.99000	39.000	73.12	.6351	.3750-01	-.8380-01	-3.743	.2240-01
19	18.000	.25000	21.000	84.06	.7301	.4310-01	-.6200-01	-3.722	.1660-01
19	18.000	.50000	23.000	76.44	.6640	.3920-01	-.7710-01	-3.737	.2060-01
19	18.000	.85000	28.000	106.9	.9287	.5480-01	-.1640-01	-3.676	.4500-02
19	18.000	.98300	38.000	77.54	.6735	.3980-01	-.7500-01	-3.735	.2010-01
19	19.000	.85000	32.000	174.6	1.517	.8950-01	.1186	-3.541	-.3350-01
19	20.000	.85000	31.000	79.35	.6892	.4070-01	-.7140-01	-3.731	.1910-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CPI/SI
18	1.0000	.0000	1.0000	647.6	9.531	.2637	1.364	-4.254	-	.3206
18	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
18	1.0000	.75000-01	5.0000	148.5	2.186	.6050-01	.1676	-5.429	-	.3490-01
18	1.0000	.15000	13.000	172.5	2.539	.7020-01	.2430	-5.372	-	.4580-01
18	1.0000	.16000	15.000	329.4	4.847	.1341	.6151	-5.003	-	.1229
18	1.0000	.18000	16.000	412.0	6.064	.1678	.8097	-	-	.1684
18	1.0000	.22000	20.000	37.07	.5456	.1510-01	-.7270-01	-5.691	-	.1280-01
18	1.0000	.50000	22.000	44.77	.6583	.1820-01	-.5450-01	-5.673	-	.9600-02
18	1.0000	.80000	26.000	81.40	1.198	.3310-01	.3160-01	-5.587	-	.5700-02
18	2.0000	.00000	1.0000	647.6	9.531	.2637	1.364	-4.254	-	.3216
18	2.0000	.25000-01	3.0000	166.3	2.447	.6770-01	.2314	-5.387	-	.4300-01
18	2.0000	.50000-01	4.0000	108.5	1.597	.4420-01	.9550-01	-5.523	-	.1730-01
18	2.0000	.75000-01	6.0000	82.81	1.219	.3370-01	.3500-01	-5.583	-	.6300-02
18	2.0000	.10000+00	11.000	96.41	1.419	.3930-01	.6700-01	-5.551	-	.1210-01
18	2.0000	.12500	12.000	40.37	.5942	.1640-01	-.6490-01	-5.683	-	.1140-01
18	2.0000	.15000	14.000	59.00	.8683	.2400-01	-.2110-01	-5.639	-	.3700-02
18	2.0000	.50000	24.000	70.95	1.044	.2890-01	.7100-02	-5.611	-	.1300-02
18	2.0000	.80000	27.000	255.5	3.760	.1040	.4413	-5.177	-	.8520-01
18	2.0000	.85000	30.000	138.2	2.034	.5630-01	.1654	-5.453	-	.3030-01
18	2.0000	.90000	36.000	23.95	.3524	.9800-02	-.1035	-5.722	-	.1810-01
18	3.0000	.95000	37.000	21.82	.3212	.8900-02	-.1085	-5.727	-	.1900-01
18	4.0000	.10000+00	10.000	84.39	1.242	.3440-01	.3870-01	-5.580	-	.6900-02
18	4.0000	.10000+00	9.0000	81.16	1.194	.3310-01	.3110-01	-5.587	-	.5600-02
18	5.0000	.10000+00	8.0000	89.02	1.310	.2630-01	.4960-01	-5.569	-	.8900-02
18	6.0000	.10000+00	7.0000	79.83	1.175	.3250-01	.2790-01	-5.590	-	.5000-02
18	7.0000	.17000	17.000	367.5	5.408	.1497	.7048	-4.313	-	.1434
18	7.0000	.18000	18.000	522.5	3.569	.9880-01	.4108	-5.207	-	.7890-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1809)

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
18	7.0000	.20000	19.000	84.15	1.238	.3430-01	.3810-01	-5.580	-.6800-02
18	8.0000	.83000	46.000	235.8	3.470	.9600-01	.3949	-5.223	-.7560-01
18	9.0000	.85000	52.000	95.28	1.402	.3880-01	.6430-01	-5.554	-.1160-01
18	10.0000	.79000	42.000	263.1	3.873	.1072	.4593	-5.159	-.8900-01
18	10.0000	.75500	43.000	303.1	4.461	.1234	.5534	-5.065	-.1093
18	10.0000	.8.000	44.000	325.6	4.792	.1326	.6063	-5.012	-.1210
18	10.0000	.83000	45.000	200.0	2.944	.8140-01	.3107	-5.308	-.5850-01
18	10.0000	.84000	51.000	65.35	.9618	.2660-01	-.6100-02	-5.624	-.1100-02
18	10.0000	.85000	53.000	78.53	1.156	.3200-01	.2490-01	-5.593	-.4400-02
18	10.0000	.87500	50.000	15.01	.2209	.6100-02	-.1246	-5.743	-.2170-01
18	11.0000	.85000	54.000	77.11	1.135	.3140-01	.2160-01	-5.597	-.3900-02
18	12.0000	.87500	49.000	17.74	.2611	.7200-02	-.1181	-5.736	-.2060-01
18	13.0000	.83000	47.000	109.8	1.615	.4470-01	.9840-01	-5.520	-.1780-01
18	14.0000	.83500	48.000	59.89	.8815	.2440-01	-.1900-01	-5.637	-.3400-02
18	15.0000	.91000	35.000	41.00	.6034	.1670-01	.6340-01	-5.682	-.1120-01
18	15.0000	.99100	41.000	41.36	.6087	.1680-01	-.6260-01	-5.681	-.1100-01
18	16.0000	.70000	25.000	39.27	.5780	.1600-01	.6750-01	-5.686	-.1190-01
18	16.0000	.85000	29.000	40.53	.5965	.1650-01	-.6450-01	-5.683	-.7800-02
18	16.0000	.99100	40.000	49.26	.7250	.2010-01	-.4400-01	-5.662	-.9400-02
18	17.0000	.99000	39.000	45.22	.6654	.1840-01	.5350-01	-5.672	-.9400-02
18	18.0000	.25000	21.000	45.40	.6682	.1850-01	-.5310-01	-5.671	-.1010-01
18	18.0000	.50000	23.000	43.52	.6404	.1770-01	.5750-01	-5.676	-.3500-02
18	18.0000	.85000	28.000	59.55	.8764	.2430-01	-.1980-01	-5.638	-.1010-01
18	18.0000	.98300	38.000	43.59	.6416	.1780-01	-.5730-01	-5.676	-.1010-01
18	19.0000	.85000	32.000	118.1	1.738	.4810-01	-.1180	-5.500	-.2150-01
18	20.0000	.85000	31.000	42.73	.6289	.1740-01	-.5930-01	-5.678	-.1050-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
18	1.0000	.00000	1.0000	699.9	10.32	.2855	1.490	-4.129	-.3608
18	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
18	1.0000	.75000-01	5.0000	2.813	2.813	.7780-01	.2899	-5.328	-.5440-01
18	1.0000	.15000	13.000	222.7	3.282	.9080-01	.3649	-5.253	-.6950-01
18	1.0000	.16000	15.000	416.8	6.144	.1700	.8224	-4.796	-.1715
18	1.0000	.18000	16.000	507.5	7.480	.2070	1.036	-4.582	-.2261
18	1.0000	.22000	20.000	47.35	.6978	.1930-01	-.4830-01	-5.666	.8500-02
18	1.0000	.50000	22.000	55.99	.8253	.2280-01	-.2790-01	-5.646	.4900-02
18	1.0000	.80000	26.000	97.18	1.432	.3960-01	.6910-01	-5.549	-.1250-01
18	1.0000	.00000	1.0000	699.9	10.32	.2855	1.490	-4.129	-.3608
18	2.0000	.25000-01	3.0000	196.2	2.892	.8000-01	.3025	-5.316	-.5690-01
18	2.0000	.50000-01	4.0000	114.6	1.688	.4670-01	.1101	-5.508	-.2000-01
18	2.0000	.75000-01	6.0000	88.14	1.299	.3590-01	.4780-01	-5.570	-.8600-02
18	2.0000	.10000*00	11.000	99.93	1.473	.4080-01	.7560-01	-5.543	-.1360-01
18	2.0000	.12500	12.000	63.30	.9330	.2580-01	-.1070-01	-5.629	-.1900-02
18	2.0000	.15000	14.000	101.2	1.491	.4130-01	.7860-01	-5.540	-.1420-01
18	2.0000	.50000	24.000	61.26	.9029	.2500-01	-.1550-01	-5.634	-.2800-02
18	2.0000	.85000	27.000	202.4	2.984	.8260-01	.3171	-5.301	-.5980-01
18	2.0000	.90000	30.000	129.7	1.912	.5290-01	.1458	-5.472	-.2660-01
18	2.0000	.95000	36.000	23.77	.3503	.9700-02	-.1039	-5.722	-.1820-01
18	3.0000	.10000*00	37.000	36.97	.5449	.1510-01	-.7280-01	-5.691	-.1280-01
18	4.0000	.10000*00	94.98	94.98	1.400	.3870-01	.6390-01	-5.554	-.1150-01
18	5.0000	.10000*00	88.69	88.69	1.307	.3620-01	.4910-01	-5.569	-.8800-02
18	6.0000	.10000*00	97.81	97.81	1.442	.3990-01	.7060-01	-5.548	-.1270-01
18	7.0000	.17000	7.0000	86.49	1.275	.3530-01	.4390-01	-5.574	-.7900-02
18	7.0000	.18000	17.000	465.9	6.867	.1900	.9380	-4.680	-.2004
18	7.0000	.18000	18.000	308.6	4.549	.1259	.5674	-5.051	-.1123

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
18	7.0000	.20000	19.000	108.1	1.593	.4410-01	.9490-01	-5.523	-.1720-01
18	8.0000	.83000	46.000	161.8	2.384	.6600-01	.2214	-5.397	-.4100-01
18	9.0000	.85000	52.000	85.68	1.263	.3490-01	.4200-01	-5.576	-.7500-02
18	10.000	.79000	42.000	190.5	2.807	.7770-01	.2890	-5.329	-.5420-01
18	10.000	.79500	43.000	208.0	3.067	.8490-01	.3304	-5.288	-.6250-01
18	10.000	.81000	44.000	233.3	3.438	.9510-01	.3898	-5.228	-.7460-01
18	10.000	.83000	45.000	151.9	2.239	.6200-01	.1981	-5.420	-.3650-01
18	10.000	.84000	51.000	61.32	.9038	.2500-01	-.1540-01	-5.634	-.2700-02
18	10.000	.86000	53.000	69.88	1.030	.2850-01	.4800-02	-5.613	-.9000-03
18	10.000	.87500	50.000	11.94	.1760	.4900-02	-.1317	-5.750	-.2290-01
18	11.000	.85000	54.000	63.30	.9329	.2580-01	-.1070-01	-5.629	-.1900-02
18	12.000	.87500	49.000	14.29	.2107	.5800-02	-.1262	-5.744	-.2200-01
18	13.000	.83000	47.000	83.61	1.232	.3410-01	.3720-01	-5.581	-.6700-02
18	14.000	.83500	48.000	39.78	.5864	.1620-01	-.6610-01	-5.684	-.1160-01
18	15.000	.91000	35.000	33.51	.4940	.1370-01	.8090-01	-5.699	-.1420-01
18	15.000	.99100	41.000	40.82	.6016	.1660-01	-.6370-01	-5.682	-.1120-01
18	16.000	.70000	25.000	44.28	.6527	.1810-01	.5550-01	-5.674	-.9800-02
18	16.000	.85000	29.000	53.79	.7928	.2190-01	.3310-01	-5.651	-.5900-02
18	16.000	.99100	40.000	59.53	.8775	.2430-01	-.1960-01	-5.638	-.3500-02
18	17.000	.25000	39.000	50.03	.7375	.2040-01	.4200-01	-5.660	-.7400-02
18	18.000	.50000	21.000	52.14	.7685	.2130-01	-.3700-01	-5.655	-.6500-02
18	18.000	.50000	23.000	47.27	.6967	.1930-01	-.4850-01	-5.667	-.8600-02
18	18.000	.85000	28.000	81.38	1.199	.3320-01	.3190-01	-5.586	-.5700-02
18	18.000	.98300	38.000	46.80	.6897	.1910-01	-.4960-01	-5.668	-.8800-02
18	19.000	.85000	32.000	103.3	1.523	.4210-01	.8360-01	-5.535	-.1510-01
18	20.000	.85000	31.000	34.46	.5079	.1410-01	-.7870-01	-5.697	-.1380-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
18	1.0000	.00000	1.0000	816.3	12.03	.3328	1.763	-3.855	-.4574
18	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
18	1.0000	.75000-01	5.0000	241.0	3.551	.9830-01	.4078	-5.210	-.7830-01
18	1.0000	.15000	13.000	298.3	4.396	.1216	.5429	-5.075	-.1070
18	1.0000	.16000	15.000	519.3	7.653	.2118	1.064	-4.554	-.2335
18	1.0000	.18000	16.000	616.3	9.081	.2513	1.292	-4.326	-.2987
18	1.0000	.22000	20.000	60.94	.8980	.2480-01	-.1630-01	-5.634	-.2900-02
18	1.0000	.50000	22.000	69.98	1.031	.2850-01	.5000-02	-5.613	-.9000-03
18	1.0000	.80000	26.000	122.8	1.809	.5010-01	1.293	-5.489	-.2360-01
18	2.0000	.00000	1.0000	816.3	12.03	.3328	1.763	-3.855	-.4574
18	2.0000	.25000-01	3.0000	229.4	3.381	.9350-01	.3806	-5.238	-.7270-01
18	2.0000	.50000-01	4.0000	130.3	1.920	.5310-01	.1471	-5.471	-.2690-01
18	2.0000	.75000-01	6.0000	105.7	1.558	.4310-01	.8920-01	-5.529	-.1610-01
18	2.0000	.10000+00	11.000	119.5	1.760	.4870-01	1.216	-5.497	-.2210-01
18	2.0000	.12500	12.000	103.1	1.518	.4200-01	.8290-01	-5.535	-.1500-01
18	2.0000	.15000	14.000	132.3	1.950	.5400-01	1.519	-5.466	-.2780-01
18	2.0000	.50000	24.000	60.71	.8945	.2480-01	-.1690-01	-5.635	-.3000-02
18	2.0000	.85000	27.000	121.7	1.793	.4960-01	1.267	-5.491	-.2310-01
18	2.0000	.90000	30.000	110.7	1.631	.4510-01	1.008	-5.517	-.1830-01
18	2.0000	.95000	36.000	24.58	.3621	.1000-01	-.1020	-5.720	-.1780-01
18	3.0000	.10000+00	37.000	42.33	.6237	.1730-01	-.6020-01	-5.678	-.1060-01
18	4.0000	.10000+00	10.000	103.5	1.525	.4220-01	.8400-01	-5.534	-.1520-01
18	5.0000	.10000+00	9.0000	105.2	1.550	.4290-01	.8790-01	-5.530	-.1590-01
18	6.0000	.10000+00	8.0000	113.2	1.668	.4610-01	1.068	-5.511	-.1940-01
18	7.0000	.17000	7.0000	97.15	1.432	.3960-01	.6900-01	-5.549	-.1240-01
18	7.0000	.18000	17.000	576.0	8.487	.2349	1.197	-4.421	-.2708
18	7.0000	.18000	18.000	385.2	5.676	.1571	.7476	-4.871	-.1535

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
18	7.0000	.20000	19.000	133.3	1.964	.5430-01	.1541	-5.464	-.2820-01
18	8.0000	.83000	46.000	124.9	1.841	.5090-01	.1344	-5.484	-.2450-01
18	9.0000	.65000	52.000	83.19	1.226	.3390-01	.3610-01	-5.582	-.6500-02
18	10.0000	.79000	42.000	150.7	2.220	.6140-01	.1951	-5.423	-.3600-01
18	10.0000	.79500	43.000	154.0	2.269	.6280-01	.2028	-5.415	-.3750-01
18	10.0000	.81000	44.000	163.1	2.403	.6650-01	.2243	-5.394	-.4160-01
18	10.0000	.83000	45.000	135.1	1.990	.5510-01	.1583	-5.460	-.2900-01
18	10.0000	.84000	51.000	67.30	.9917	.2740-01	-1300-02	-5.619	-.2000-03
18	10.0000	.86000	53.000	65.52	.9654	.2670-01	-5500-02	-5.624	-.1000-02
18	10.0000	.87500	50.000	11.56	.1704	.4700-02	.1326	-5.751	.2310-01
18	11.0000	.85000	54.000	60.63	.8933	.2470-01	-1710-01	-5.635	.3000-02
18	12.0000	.87500	49.000	13.35	.1967	.5400-02	-1284	-5.747	.2240-01
18	13.0000	.83000	47.000	86.38	1.273	.3520-01	.4360-01	-5.575	-.7800-02
18	14.0000	.83500	48.000	41.55	.6122	.1690-01	-6200-01	-5.680	.1090-01
18	15.0000	.91000	35.000	38.56	.5681	.1570-01	-6900-01	-5.687	.1210-01
18	15.0000	.99100	41.000	40.79	.6011	.1660-01	-6380-01	-5.682	.1120-01
18	16.0000	.70000	25.000	55.21	.8135	.2250-01	-2980-01	-5.648	.5300-02
18	16.0000	.85000	29.000	66.68	.9825	.2720-01	-2800-02	-5.621	.5000-03
18	16.0000	.99100	40.000	76.04	1.120	.7100-01	.1930-01	-5.599	-.3400-02
18	17.0000	.99000	39.000	59.22	.8726	.2410-01	-2040-01	-5.638	.3600-02
18	18.0000	.25000	21.000	59.37	.8749	.2420-01	-2000-01	-5.638	.3500-02
18	18.0000	.50000	23.000	58.51	.8621	.2390-01	-2200-01	-5.640	.3900-02
18	18.0000	.85000	28.000	92.83	1.368	.3790-01	.5880-01	-5.559	-.1060-01
18	18.0000	.98300	38.000	54.97	.8100	.2240-01	-3040-01	-5.649	.5400-02
18	19.0000	.85000	32.000	91.50	1.348	.3730-01	.5570-01	-5.562	-.1000-01
18	20.0000	.85000	31.000	27.56	.4061	.1120-01	-9500-01	-5.713	.1660-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OT, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

RAY NUMBER	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
13	1.0000	1.0000	811.5	18.08	2330	1.978	-6.892	-.2870
13	1.0000	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
13	1.0000	5.0000	217.2	4.837	.6240-01	.4445	-8.425	-.5280-01
13	1.0000	13.0000	228.7	5.095	.6570-01	.4743	-8.395	-.5650-01
13	1.0000	15.0000	492.2	10.96	.1413	1.154	-7.716	-.1496
13	1.0000	16.0000	610.9	13.61	.1754	1.460	-7.410	-.1971
13	1.0000	20.0000	52.76	1.175	.1510-01	.2030-01	-8.849	-.2300-02
13	1.0000	22.0000	49.85	1.110	.1430-01	.1280-01	-8.857	-.1400-02
13	1.0000	26.0000	79.38	1.768	.2280-01	.8900-01	-8.781	-.1010-01
13	2.0630	1.0000	811.5	18.08	.2330	1.978	-6.892	-.2870
13	2.0000	3.0000	155.1	3.456	.4450-01	.2844	-8.585	-.3310-01
13	2.0000	4.0000	116.4	2.594	.3340-01	.1846	-8.685	-.2130-01
13	2.0000	6.0000	95.63	2.130	.2750-01	.1309	-8.739	-.1500-01
13	2.0000	11.0000	95.40	2.125	.2740-01	.1303	-8.739	-.1490-01
13	2.0000	12.0000	70.35	1.567	.2020-01	.6570-01	-8.804	-.7500-02
13	2.0000	14.0000	118.4	2.637	.3400-01	.1896	-8.680	-.2180-01
13	2.0000	24.0000	55.82	1.243	.1600-01	.2820-01	-8.842	-.3200-02
13	2.0000	27.0000	128.1	2.854	.3680-01	.2148	-8.655	-.2480-01
13	2.0000	30.0000	91.71	2.043	.2630-01	1.208	-8.749	-.1380-01
13	2.0000	36.0000	19.07	.4249	.5500-02	.6660-01	-8.936	-.7500-02
13	3.0000	37.0000	24.73	.5508	.7100-02	.5200-01	-8.922	-.5800-02
13	3.0000	10.0000	80.24	1.787	.2300-01	.9120-01	-8.778	-.1040-01
13	4.0000	9.0000	80.32	1.789	.2310-01	.9140-01	-8.778	-.1040-01
13	5.0000	8.0000	81.34	1.812	.2340-01	.9400-01	-8.776	-.1070-01
13	6.0000	7.0000	81.89	1.824	.2350-01	.9540-01	-8.774	-.1090-01
13	7.0000	17.0000	558.0	12.43	.1602	1.324	-7.546	-.1754
13	18.0000	18.0000	350.8	7.814	.1007	.7893	-8.080	-.9770-01

TEST DATA

IHI1, MODEL 84-OT, ORBITER FUSELAGE

SUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
13	7.0000	.20000	19.000	117.1	2.609	.3360-01	.1864	-8.683	-.2150-01
13	8.0000	.83000	46.000	106.3	2.367	.3050-01	.1583	-8.711	-.1820-01
13	9.0000	.85000	52.000	66.59	1.483	.1910-01	.5600-01	-8.814	-.6400-02
13	10.000	.79000	42.000	125.6	2.798	.3610-01	.2083	-8.661	-.2400-01
13	10.000	.79500	43.000	134.2	2.989	.3850-01	.2304	-8.639	-.2670-01
13	10.000	.81000	44.000	152.3	3.393	.4370-01	.2772	-8.592	-.3230-01
13	10.000	.83000	45.000	113.4	2.526	.3260-01	.1768	-8.693	-.2030-01
13	10.000	.84000	51.000	51.74	1.152	.1490-01	.1760-01	-8.852	-.2000-02
13	10.000	.86000	53.000	51.92	1.157	.1490-01	.1810-01	-8.852	-.2000-02
13	10.000	.87500	50.000	9.520	.2121	.2700-02	-.9130-01	-8.961	.1020-01
13	11.000	.85000	54.000	48.26	1.075	.1390-01	.8700-02	-8.861	-.1000-02
13	12.000	.87500	49.000	10.84	.2414	.3100-02	-.8790-01	-8.957	-.9800-02
13	13.000	.83000	47.000	68.47	1.525	.1970-01	.6080-01	-8.809	-.6900-02
13	14.000	.83500	48.000	35.28	.7859	.1010-01	-.2480-01	-8.895	-.2800-02
13	15.000	.91000	35.000	26.61	.5928	.7600-02	.4720-01	-8.917	.5300-02
13	15.000	.99100	41.000	23.62	.5262	.6800-02	-.5490-01	-8.924	.6100-02
13	16.000	.70000	25.000	36.66	.8166	.1050-01	-.2120-01	-8.891	.2400-02
13	16.000	.85000	29.000	40.67	.9058	.1170-01	-.1090-01	-8.881	.1200-02
13	16.000	.99100	40.000	45.16	1.006	.1300-01	.7000-03	-8.859	-.1000-03
13	17.000	.99000	39.000	42.05	.9367	.1210-01	-.7300-02	-8.877	.8000-03
13	18.000	.25000	21.000	44.75	.9968	.1280-01	-.4000-03	-8.870	.0000
13	18.000	.50000	23.000	41.22	.9181	.1180-01	-.9500-02	-8.879	.1100-02
13	18.000	.85000	28.000	69.48	1.548	.2000-01	.6340-01	-8.806	-.7200-02
13	18.000	.98300	38.000	39.65	.8831	.1140-01	-.1350-01	-8.883	.1500-02
13	19.000	.85000	32.000	73.65	1.640	.2110-01	.7420-01	-8.796	-.8400-02
13	20.000	.85000	31.000	20.41	.4546	.5900-02	-.6320-01	-8.933	.7100-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(L) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
13	1.0000	.00000	1.0000	681.0	15.19	.1959	1.644	-7.224	-.2275
13	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
13	1.0000	.75000-01	5.0000	161.6	3.605	.4650-01	.3018	-6.566	-.3520-01
13	1.0000	.15000	13.000	167.4	3.733	.4910-01	.3166	-8.551	-.3700-01
13	1.0000	.16000	15.000	372.0	8.297	.1070	.8453	-8.023	-.1054
13	1.0000	.18000	16.000	476.2	10.62	.1369	1.114	-7.753	-.1437
13	1.0000	.22000	20.000	39.83	.8884	.1150-01	-.1290-01	-8.881	.1500-02
13	1.0000	.50000	22.000	39.44	.8797	.1130-01	-.1390-01	-8.882	.1600-02
13	1.0000	.80000	26.000	65.48	1.460	.1880-01	.5330-01	-8.815	-.6100-02
13	2.0000	.00000	1.0000	681.0	15.19	.1959	1.644	-7.224	-.2275
13	2.0000	.25000-01	3.0000	135.7	3.028	.3900-01	.2349	-8.633	-.2720-01
13	2.0000	.50000-01	4.0000	101.0	2.253	.2900-01	.1451	-8.723	-.1660-01
13	2.0000	.75000-01	6.0000	78.11	1.742	.2250-01	.8600-01	-8.782	-.9800-02
13	2.0000	.10000*00	11.000	83.52	1.863	.2400-01	.9990-01	-8.768	-.1140-01
13	2.0000	.12500	12.000	47.20	1.053	.1360-01	.6100-02	-8.862	-.7000-03
13	2.0000	.15000	14.000	78.11	1.742	.2250-01	.8600-01	-8.782	-.9800-02
13	2.0000	.80000	27.000	156.7	3.495	.1500-01	.1930-01	-8.849	-.2200-02
13	2.0000	.85000	30.000	105.9	2.361	.3040-01	.2890	-8.579	-.3370-01
13	2.0000	.90000	36.000	19.28	.4301	.5500-02	.6600-01	-8.710	-.1810-01
13	2.0000	.95000	37.000	16.15	.3601	.4600-02	-.7410-01	-8.934	.7400-02
13	3.0000	.10000*00	10.000	66.34	1.480	.1910-01	.5560-01	-8.812	-.6300-02
13	4.0000	.10000*00	9.0000	64.54	1.439	.1860-01	.5090-01	-8.817	-.5800-02
13	5.0000	.10000*00	8.0000	65.40	1.459	.1860-01	.5310-01	-8.815	-.6000-02
13	6.0000	.10000*00	7.0000	66.26	1.478	.1910-01	.5540-01	-8.812	-.6300-02
13	7.0000	.17000	17.000	423.2	9.439	.1217	.9776	-7.890	-.1239
13	7.0000	.18000	18.000	266.6	5.946	.7670-01	.5729	-8.295	-.6910-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
13	7.0000	.20000	19.000	90.58	2.020	.2600-01	.1182	-8.750	-.1350-01
13	8.0000	.83000	46.000	109.6	2.446	.3150-01	.1675	-8.700	-.1920-01
13	9.0000	.85000	52.000	68.69	1.532	.1980-01	.6160-01	-8.806	-.7000-02
13	10.000	.79000	42.000	113.2	2.525	.3260-01	.1767	-8.691	-.2030-01
13	10.000	.79500	43.000	130.5	2.911	.3750-01	.2213	-8.647	-.2560-01
13	10.000	.81000	44.000	148.5	3.313	.4270-01	.2679	-8.600	-.3120-01
13	10.000	.83000	45.000	113.9	2.540	.3270-01	.1784	-8.689	-.2050-01
13	10.000	.84000	51.000	54.13	1.207	.1560-01	.2400-01	-8.844	-.2700-02
13	10.000	.86000	53.000	54.32	1.211	.1560-01	.2450-01	-8.843	-.2800-02
13	10.000	.87500	50.000	9.880	.2204	.2800-02	-.9030-01	-8.958	-.1010-01
13	11.000	.85000	54.000	47.46	1.059	.1360-01	.6800-02	-8.861	-.8000-03
13	12.000	.87500	49.000	11.38	.2539	.3300-02	-.8640-01	-8.954	-.9700-02
13	13.000	.83000	47.000	60.70	1.354	.1750-01	.4100-01	-8.827	-.4600-02
13	14.000	.83500	48.000	26.98	.6017	.7800-02	-.4610-01	-8.914	.5200-02
13	15.000	.91000	35.000	23.13	.5158	.6700-02	-.5610-01	-8.924	.6300-02
13	15.000	.99100	41.000	24.82	.5535	.7100-02	-.5170-01	-8.920	.5800-02
13	16.000	.70000	25.000	30.89	.6890	.8900-02	.3600-01	-8.904	.4000-02
13	16.000	.85000	29.000	33.95	.7572	.9800-02	-.2810-01	-8.896	.3200-02
13	16.000	.99100	40.000	35.43	.7903	.1020-01	-.2430-01	-8.892	.2700-02
13	17.000	.99000	39.000	34.66	.7735	.1000-01	.2620-01	-8.894	.2900-02
13	18.000	.25000	21.000	37.64	.8394	.1080-01	-.1860-01	-8.887	.2100-02
13	18.000	.50000	23.000	33.48	.7467	.9600-02	-.2930-01	-8.897	.3300-02
13	18.000	.85000	28.000	58.11	1.296	.1670-01	.3430-01	-8.834	-.3900-02
13	18.000	.98300	38.000	31.83	.7100	.9200-02	-.3360-01	-8.901	.3800-02
13	19.000	.85000	32.000	79.52	1.774	.2290-01	.8960-01	-8.778	-.1020-01
13	20.000	.85000	31.000	25.48	.5683	.7300-02	-.5000-01	-8.918	.5600-02

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
13	1.0000	.00000	1.0000	568.8	12.68	.1635	1.353	-7.515	-.1800
13	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
13	1.0000	.75000-01	5.0000	118.6	2.643	.3410-01	.1903	-8.678	-.2190-01
13	1.0000	.15000	13.000	135.9	3.030	.7910-01	.2351	-8.633	-.2720-01
13	1.0000	.16000	15.000	260.1	5.797	.7480-01	.5557	-8.312	-.6690-01
13	1.0000	.18000	16.000	366.4	8.166	.1053	.8301	-8.038	-.1033
13	1.0000	.22000	20.000	29.03	.6471	.8300-02	-.4090-01	-8.909	.4600-02
13	1.0000	.50000	22.000	29.27	.6523	.8400-02	-.4030-01	-8.908	.4500-02
13	1.0000	.80000	26.000	55.66	1.241	.1600-01	.2790-01	-8.840	-.3200-02
13	2.0000	.00000	1.0000	568.8	12.68	.1635	1.353	-7.515	-.1800
13	2.0000	.25000-01	3.0000	124.1	2.765	.3570-01	.2045	-8.664	-.2360-01
13	2.0000	.50000-01	4.0000	92.11	2.053	.2650-01	1.220	-8.746	-.1390-01
13	2.0000	.75000-01	6.0000	70.04	1.561	.2010-01	.6500-01	-8.803	-.7400-02
13	2.0000	.10000+00	11.000	76.87	1.713	.2210-01	.8260-01	-8.785	-.9400-02
13	2.0000	.12500	12.000	32.73	.7293	.9400-02	-.3140-01	-8.899	.3500-02
13	2.0000	.15000	14.000	51.26	1.142	.1470-01	.1650-01	-8.852	-.1900-02
13	2.0000	.50000	24.000	39.80	.8869	.1140-01	-.1310-01	-8.881	-.1500-02
13	2.0000	.80000	27.000	202.3	4.509	.5810-01	.4065	-8.462	-.4800-01
13	2.0000	.85000	30.000	120.2	2.680	.3450-01	.1946	-8.673	-.2240-01
13	2.0000	.90000	36.000	18.74	.4177	.5400-02	-.6740-01	-8.936	.7500-02
13	2.0000	.95000	37.000	14.90	.3320	.4300-02	-.7740-01	-8.945	.8700-02
13	3.0000	.10000+00	10.000	57.86	1.289	.1660-01	.3350-01	-8.834	-.3800-02
13	4.0000	.10000+00	9.0000	57.31	1.277	.1650-01	.3210-01	-8.836	-.3600-02
13	5.0000	.10000+00	8.0000	58.96	1.314	.1690-01	.3640-01	-8.832	-.4100-02
13	6.0000	.10000+00	7.0000	59.51	1.326	.1710-01	.3780-01	-8.830	-.4300-02
13	7.0000	.17000	17.000	314.2	7.002	.9030-01	.6952	-8.173	-.8510-01
13	7.0000	.18000	18.000	199.2	4.439	.5720-01	.3984	-8.470	-.4700-01

IH11, MODEL 84-OT, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
13	7.0000	.20000	19.000	69.10	1.540	.1990-01	.6250-01	-8.806	-7100-02
13	8.0000	.83000	46.000	169.2	3.770	.4830-01	.3209	-8.547	-3750-01
13	9.0000	.85000	52.000	72.08	1.606	.2070-01	.7020-01	-8.798	-8000-02
13	10.000	.79000	42.000	150.2	3.346	.4310-01	.2718	-8.596	-3160-01
13	10.000	.79500	43.000	179.5	4.001	.5160-01	.3476	-8.520	-4080-01
13	10.000	.81000	44.000	206.6	4.604	.5940-01	.4175	-8.451	-4940-01
13	10.000	.83000	45.000	136.1	3.034	.3910-01	.2356	-8.632	-2730-01
13	10.000	.84000	51.000	50.91	1.134	.1460-01	.1560-01	-8.852	-1800-02
13	10.000	.86000	53.000	58.53	1.304	.1680-01	.3530-01	-8.833	-4000-02
13	10.000	.87500	50.000	10.83	.2414	.3100-02	-.8790-01	-8.956	-9800-02
13	11.000	.85000	54.000	55.80	1.244	.1600-01	.2820-01	-8.840	-3200-02
13	12.000	.87500	49.000	13.00	.2896	.3700-02	-.8230-01	-8.950	-9200-02
13	13.000	.83000	47.000	79.41	1.770	.2280-01	.8920-01	-8.779	-1020-01
13	14.000	.83500	48.000	36.61	.8159	.1050-01	-.2130-01	-8.889	-2400-02
13	15.000	.91000	35.000	26.91	.5998	.7700-02	-.4640-01	-8.914	-5200-02
13	15.000	.99100	41.000	26.17	.5832	.7500-02	.4830-01	-8.916	-5400-02
13	16.000	.70000	25.000	25.03	.5578	.7200-02	-.5120-01	-8.919	-5700-02
13	16.000	.85000	29.000	25.58	.5700	.7400-02	-.4980-01	-8.918	-5600-02
13	16.000	.99100	40.000	33.22	.7404	.9500-02	-.3010-01	-8.898	-3400-02
13	17.000	.99000	39.000	33.60	.7488	.5700-02	-.2910-01	-8.897	-3300-02
13	18.000	.25000	21.000	31.08	.6826	.8900-02	-.3560-01	-8.904	-4000-02
13	18.000	.50000	23.000	28.17	.6278	.8100-02	-.4310-01	-8.911	-4800-02
13	18.000	.85000	28.000	42.94	.9569	.1230-01	-.5000-02	-8.873	-6000-03
13	18.000	.98300	38.000	29.43	.6558	.8500-02	-.3990-01	-8.908	-4500-02
13	19.000	.85000	32.000	91.88	2.048	.2640-01	.1213	-8.747	-1390-01
13	20.000	.85000	31.000	30.21	.6733	.8700-02	-.3780-01	-8.906	-4200-02

ORBITER FUSELAGE

IH11, MODEL 84-O, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-5.012	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
30	1.0000	.00000	1.0000	955.2	8.304	.4903	1.677	-1.982	-.8460
30	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
30	1.0000	.75000-01	5.0000	345.8	3.006	.1775	.4606	-3.199	-.1440
30	1.0000	.15000	13.0000	477.3	4.150	.2450	.7232	-2.936	-.2463
30	1.0000	.16000	15.0000	674.8	5.867	.3464	1.117	-2.542	-.4396
30	1.0000	.18000	16.0000	735.7	6.396	.3776	1.239	-2.421	-.5118
30	1.0000	.22000	20.0000	92.37	.8030	.4740-01	-.4520-01	-3.704	.1220-01
30	1.0000	.50000	22.0000	119.9	1.042	.6150-01	.9700-02	3.650	-.2700-02
30	1.0000	.80000	26.0000	185.7	1.614	.9530-01	.1410	-3.518	-.4010-01
30	2.0000	.00000	1.0000	955.2	8.304	.4903	1.677	-1.982	-.8460
30	2.0000	.25000-01	3.0000	229.4	1.995	.1178	.2284	-3.431	-.6660-01
30	2.0000	.50000-01	4.0000	161.5	1.404	.8290-01	.9280-01	-3.567	-.2600-01
30	2.0000	.75000-01	6.0000	134.9	1.172	.6920-01	.3960-01	3.620	-.1090-01
30	2.0000	.10000+00	11.0000	117.1	1.018	.6010-01	.4100-02	-3.655	-.1100-02
30	2.0000	.12500	12.0000	103.5	.8995	.5310-01	-.2310-01	-3.682	.6300-02
30	2.0000	.15000	14.0000	97.09	.8440	.4980-01	.3580-01	3.695	.9700-02
30	2.0000	.50000	24.0000	110.5	.9610	.5670-01	-.9000-02	-3.668	.2400-02
30	2.0000	.80000	27.0000	101.0	.8782	.5190-01	-.2800-01	3.687	.7600-02
30	2.0000	.85000	30.0000	109.0	.9473	.5590-01	.1210-01	-3.671	.3300-02
30	2.0000	.90000	36.0000	78.60	.6833	.4030-01	-.7270-01	-3.732	.1950-01
30	2.0000	.95000	37.0000	64.83	.5636	.3330-01	.1002	-3.759	.2670-01
30	3.0000	.10000+00	10.0000	120.1	1.044	.6160-01	.1010-01	-3.649	-.2800-02
30	3.0000	.10000+00	9.0000	124.1	1.079	.6370-01	.1810-01	-3.641	-.5000-02
30	5.0000	.10000+00	8.0000	128.8	1.120	.6610-01	.2750-01	-3.632	-.7600-02
30	6.0000	.10000+00	7.0000	132.2	1.323	.7810-01	.7410-01	-3.585	-.2070-01
30	7.0000	.17000	17.0000	792.5	6.889	.4067	1.352	-2.307	-.5861
30	7.0000	.18000	18.0000	667.8	5.805	.3427	1.103	-2.556	-.4316

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CP1/S1
30	7.0000	.20000	19.000	261.4	2.272	.1342	.2921	-3.367	-.8680-01
30	8.0000	.83000	46.000	157.7	1.371	.8090-01	.8520-01	-3.574	-.2380-01
30	9.0000	.85000	52.000	73.54	.6393	.3770-01	-.8280-01	-3.742	-.2210-01
30	10.000	.79000	42.000	89.64	.7793	.4600-01	-.5070-01	-3.710	.1370-01
30	10.000	.79500	43.000	90.77	.7891	.4660-01	-.4840-01	-3.708	.1310-01
30	10.000	.81000	44.000	90.86	.7899	.4660-01	-.4820-01	-3.708	-.1300-01
30	10.000	.83000	45.000	107.5	.9348	.5520-01	-.1500-01	-3.674	.4100-02
30	10.000	.84000	51.000	88.79	.7719	.4560-01	-.5240-01	-3.712	.1410-01
30	10.000	.86000	53.000	104.7	.9102	.5370-01	-.2060-01	-3.680	.5600-02
30	10.000	.87500	50.000	71.28	.6197	.3660-01	-.8730-01	-3.747	.2330-01
30	11.000	.85000	54.000	85.02	.7392	.4360-01	-.5990-01	-3.719	.1610-01
30	12.000	.87500	49.000	57.72	.5018	.2960-01	-.1144	-3.774	.3030-01
30	13.000	.83000	47.000	86.34	.7506	.4430-01	-.5730-01	-3.717	.1540-01
30	14.000	.83500	48.000	84.55	.7351	.4340-01	-.6080-01	-3.720	.1640-01
30	15.000	.91000	35.000	93.63	.8140	.4810-01	-.4270-01	-3.702	.1150-01
30	15.000	.99100	41.000	50.38	.4380	.2590-01	-.1290	-3.788	.3410-01
30	16.000	.70000	25.000	126.6	1.101	.6500-01	.2310-01	-3.636	-.6300-02
30	16.000	.85000	29.000	151.0	1.313	.7750-01	.7180-01	-3.588	-.2000-01
30	16.000	.99100	40.000	168.5	1.465	.8650-01	.1068	-3.553	-.3010-01
30	17.000	.99000	39.000	142.9	1.243	.340-01	.5570-01	-3.604	-.1540-01
30	18.000	.25000	21.000	159.9	1.390	.8210-01	.8950-01	-3.570	-.2510-01
30	18.000	.50000	23.000	140.8	1.224	.7220-01	.5140-01	-3.608	-.1420-01
30	18.000	.85000	28.000	212.6	1.848	.1091	.1947	-3.465	-.5620-01
30	13.000	.98300	38.000	142.3	1.237	.7310-01	.5450-01	-3.605	-.1510-01
30	19.000	.85000	32.000	78.36	.6813	.4020-01	-.7320-01	-3.732	.1960-01
30	20.000	.85000	31.000	88.28	.7674	.4530-01	-.5340-01	-3.713	.1440-01

ORBITER FUSELAGE

IH11, MODEL 84-O, ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
30	1.0000	.00000	1.0000	964.0	8.383	.4950	1.695	-1.964	-.8631
30	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
30	1.0000	.75000-01	5.0000	290.2	2.524	1.490	.3499	-3.309	-.1057
30	1.0000	.15000	13.0000	363.8	3.164	.1968	.4969	-3.162	-.1571
30	1.0000	.16000	15.0000	588.0	5.113	.3019	.9444	-2.715	-.3478
30	1.0000	.18000	16.0000	642.4	5.587	.3299	1.053	-2.606	-.4041
30	1.0000	.22000	20.0000	71.53	.6221	.3670-01	-.8680-01	-3.746	.2320-01
30	1.0000	.50000	22.0000	98.98	.8608	.5080-01	-.3200-01	-3.691	.8700-02
30	1.0000	.80000	26.0000	175.5	1.526	.9010-01	1.208	-3.539	-.3410-01
30	2.0000	.00000	1.0000	964.0	8.383	.4950	1.695	-1.964	-.8631
30	2.0000	.25000-01	3.0000	281.6	2.449	1.446	.3326	-3.327	-.1000+00
30	2.0000	.50000-01	4.0000	198.4	1.725	1.019	.1665	-3.493	-.4770-01
30	2.0000	.75000-01	6.0000	165.1	1.436	.8480-01	1.001	-3.559	-.2810-01
30	2.0000	.10000+00	11.0000	144.0	1.253	.7400-01	.5800-01	-3.601	-.1610-01
30	2.0000	.12500	12.0000	127.4	1.108	.6540-01	.2490-01	-3.634	-.6800-02
30	2.0000	.15000	14.0000	120.5	1.048	.6190-01	1.110-01	-3.648	-.3000-02
30	2.0000	.50000	24.0000	122.5	1.065	.6290-01	1.1500-01	-3.644	-.4100-03
30	2.0000	.80000	27.0000	114.3	.9941	.5870-01	1.300-02	-3.661	-.4000-03
30	2.0000	.85000	30.0000	122.9	1.069	.6310-01	1.580-01	-3.644	-.4300-02
30	2.0000	.90000	36.0000	95.13	.8273	.4880-01	-.3970-01	-3.699	-.1070-01
30	2.0000	.95000	37.0000	77.20	.6713	.3960-01	-.7550-01	-3.735	-.2020-01
30	3.0000	.10000+00	10.0000	149.5	1.300	.7670-01	.6880-01	-3.590	-.1920-01
30	4.0000	.10000+00	9.0000	157.3	1.368	.8080-01	.8450-01	-3.575	-.2360-01
30	5.0000	.10000+00	8.0000	163.9	1.425	.8410-01	.9760-01	-3.562	-.2740-01
30	6.0000	.10000+00	7.0000	191.4	1.664	.9830-01	.1525	-3.507	-.4350-01
30	7.0000	.17000	17.0000	684.9	5.956	.3517	1.138	-2.521	-.4513
30	7.0000	.18000	18.0000	588.5	5.118	.3022	.9455	-2.714	-.3484

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1B10)

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CPI/SI
30	7.0000	.20000	19.000	228.7	1.989	.1174	.2271	-3.432	-.6620-01
30	8.0000	.83000	46.000	189.4	1.647	.9720-01	.1485	-3.511	-.4230-01
30	9.0000	.85000	52.000	96.16	.8362	.4940-01	-.3760-01	-3.697	.1020-01
30	10.000	.79500	42.000	108.9	.9467	.5590-01	-.1220-01	-3.671	.3300-02
30	10.000	.81000	44.000	110.4	.9598	.5670-01	-.9200-02	-3.669	.2500-02
30	10.000	.83000	45.000	121.6	1.057	.6240-01	-.1310-01	-3.646	-.3600-02
30	10.000	.84000	51.000	90.79	.7895	.4660-01	-.4830-01	-3.708	.1300-01
30	10.000	.86000	53.000	139.8	1.216	.7180-01	.4960-01	-3.610	-.1370-01
30	10.000	.87500	50.000	73.37	.6381	.3770-01	-.8310-01	-3.742	.2220-01
30	11.000	.85000	54.000	109.7	.9541	.5630-01	-.1050-01	-3.670	.2900-02
30	12.000	.87500	49.000	82.03	.7134	.4210-01	-.6580-01	-3.725	.1770-01
30	13.000	.83000	47.000	106.8	.9287	.5480-01	-.1640-01	-3.676	.4500-02
30	14.000	.83500	48.000	105.9	.9205	.5430-01	-.1820-01	-3.678	.5000-02
30	15.000	.91000	35.000	107.6	.9360	.5530-01	-.1470-01	-3.674	.4000-02
30	15.000	.99100	41.000	71.87	.6250	.3690-01	-.8610-01	-3.745	.2300-01
30	16.000	.70000	25.000	104.0	.9045	.5340-01	-.2190-01	-3.681	.6000-02
30	16.000	.85000	29.000	113.3	.9852	.5820-01	-.3400-02	-3.663	.9000-03
30	16.000	.99100	40.000	136.1	1.183	.6990-01	.4210-01	-3.617	-.1160-01
30	17.000	.99000	39.000	110.0	.9566	.5550-01	-.1000-01	-3.669	.2700-02
30	18.000	.25000	21.000	149.5	1.300	.7670-01	.6480-01	-3.590	-.1920-01
30	18.000	.50000	23.000	128.1	1.115	.6380-01	.2630-01	-3.633	-.7200-02
30	18.000	.85000	28.000	177.3	1.542	.9100-01	.1244	-3.535	-.3520-01
30	18.000	.98300	38.000	118.6	1.031	.6090-01	.7100-02	-3.652	-.2000-02
30	19.000	.85000	32.000	93.08	.8095	.4780-01	-.4370-01	-3.703	-.1180-01
30	20.000	.85000	31.000	107.2	.9319	.5500-01	-.1560-01	-3.675	.4300-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
30	1.0000	.00000	1.0000	958.5	8.333	.4820	1.684	-1.976	-.8522
30	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
30	1.0000	.75000-01	5.0000	234.5	2.039	1.204	.2385	-3.421	-.6970-01
30	1.0000	.15000	13.000	279.0	2.426	1.432	.3274	-3.332	-.9830-01
30	1.0000	.16000	15.000	494.3	4.298	.637	.7572	-2.902	-.2609
30	1.0000	.18000	16.000	549.1	4.774	.2818	.8664	-2.793	-.3102
30	1.0000	.22000	20.000	57.91	.5035	.2970-01	-.1140	-3.773	.3020-01
30	1.0000	.50000	22.000	84.17	.7318	.4320-01	-.6160-01	-3.721	.1660-01
30	1.0000	.80000	26.000	155.0	1.347	.7960-01	.7980-01	-3.580	-.2230-01
30	2.0000	.00000	1.0000	958.5	8.333	.4820	1.684	-1.976	-.8522
30	2.0000	.25000-01	3.0000	348.5	3.030	1.789	.4661	-3.193	-.1460
30	2.0000	.50000-01	4.0000	247.6	2.153	1.064	.2646	-3.395	-.7800-01
30	2.0000	.75000-01	6.0000	207.3	1.802	.8240-01	.1841	-3.475	-.5300-01
30	2.0000	.10000+00	11.000	180.0	1.565	.9240-01	.1297	-3.530	-.3670-01
30	2.0000	.12500	12.000	159.0	1.382	.8160-01	.8780-01	-3.572	-.2460-01
30	2.0000	.15000	14.000	150.0	1.304	.7700-01	.6990-01	-3.590	-.1950-01
30	2.0000	.50000	24.000	145.3	1.264	.7460-01	.6050-01	-3.599	-.1680-01
30	2.0000	.80000	27.000	137.1	1.192	.7040-01	.4400-01	-3.615	-.1220-01
30	2.0000	.85000	30.000	146.5	1.274	.7520-01	.6280-01	-3.597	-.1750-01
30	2.0000	.90000	36.000	115.8	1.007	.5940-01	.1500-02	-3.658	-.4000-03
30	3.0000	.95000	37.000	94.31	.8199	.4840-01	-.4130-01	-3.701	-.1120-01
30	4.0000	.10000+00	10.000	186.4	1.621	.9570-01	.1426	-3.517	-.4050-01
30	5.0000	.10000+00	9.0000	197.2	1.715	.1012	.1641	-3.495	-.4690-01
30	6.0000	.10000+00	8.0000	203.6	1.771	.1045	.1769	-3.482	-.5080-01
30	7.0000	.10000+00	7.0000	232.4	2.021	.1193	.2344	-3.425	-.6840-01
30	7.0000	.17000	17.000	593.8	5.163	.3048	.9557	-2.704	-.3535
30	7.0000	.18000	18.000	514.8	4.476	.2642	.7980	-2.861	-.2789

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1810)

IH11, MODEL 84-O, ORBITTER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
30	7.0000	.20000	19.000	204.0	1.773	.1047	.1776	-3.482	-.5100-01
30	8.0000	.83000	46.000	232.0	2.017	.1191	.2336	-3.426	-.6820-01
30	9.0000	.85000	52.000	124.0	1.078	.6370-01	.1800-01	-3.641	-.4900-02
30	10.000	.79000	42.000	136.2	1.184	.6990-01	.4220-01	-3.617	-.1170-01
30	10.000	.79500	43.000	138.9	1.208	.7130-01	.4770-01	-3.612	-.1320-01
30	10.000	.81000	44.000	138.8	1.207	.7120-01	.4750-01	-3.612	-.1310-01
30	10.000	.83000	45.000	148.9	1.294	.7640-01	.6760-01	-3.592	-.1880-01
30	10.000	.84000	51.000	100.3	.8723	.5150-01	-.2930-01	-3.689	.7900-02
30	10.000	.86000	53.000	171.5	1.492	.8810-01	.1128	-3.546	-.3180-01
30	10.000	.87500	50.000	93.40	.7251	.4280-01	-.6310-01	-3.722	.1700-01
30	11.000	.85000	54.000	148.4	1.290	.7620-01	.6660-01	-3.593	-.1850-01
30	12.000	.87500	49.000	121.3	1.055	.6230-01	.1260-01	-3.647	-.3400-02
30	13.000	.83000	47.000	137.5	1.195	.7060-01	.4490-01	-3.614	-.1240-01
30	14.000	.83500	48.000	137.4	1.195	.7050-01	.4470-01	-3.615	-.1240-01
30	15.000	.91000	35.000	84.24	.7324	.4320-01	-.6140-01	-3.721	.1650-01
30	15.000	.99100	41.000	104.5	.9083	.5360-01	-.2110-01	-3.680	.5700-02
30	16.000	.70000	25.000	89.51	.7782	.4590-01	-.5090-01	-3.710	.1370-01
30	16.000	.85000	29.000	85.11	.7400	.4370-01	-.5970-01	-3.719	.1610-01
30	16.000	.99100	40.000	104.5	.9083	.5360-01	-.2110-01	-3.680	.5700-02
30	17.000	.99000	39.000	92.80	.8069	.4760-01	-.4430-01	-3.704	.1200-01
30	18.000	.25000	21.000	139.4	1.212	.7160-01	.4870-01	-3.611	-.1350-01
30	18.000	.50000	23.000	123.6	1.074	.6340-01	.1700-01	-3.642	-.4700-02
30	18.000	.85000	28.000	146.6	1.274	.7520-01	.6300-01	-3.596	-.1750-01
30	18.000	.98300	38.000	98.39	.8555	.5050-01	-.3320-01	-3.693	.9000-02
30	19.000	.85000	32.000	113.5	.9867	.5830-01	-.3100-02	-3.662	.8000-03
30	20.000	.85000	31.000	135.7	1.180	.6970-01	.4140-01	-3.618	-.1140-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	.PI/FO	CP(I)	CP(SI)	CPI/SI
25	1.0000	.00000	1.0000	781.2	11.51	.3187	1.681	-3.936	-.4271
25	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
25	1.0000	.75000-01	5.0000	162.0	2.388	.6610-01	.2220	-5.395	-.4110-01
25	1.0000	.15000	13.000	178.3	2.628	.7270-01	.2603	-5.357	-.4860-01
25	1.0000	.16000	15.000	369.2	5.441	.1506	.7102	-4.907	-.1447
25	1.0000	.18000	16.000	441.1	6.500	.1799	.8795	-4.738	-.1856
25	1.0000	.22000	20.000	40.50	.5969	.1650-01	-.6450-01	-5.682	.1130-01
25	1.0000	.50000	22.000	47.26	.6965	.1930-01	-.4850-01	-5.666	.8600-02
25	1.0000	.80000	26.000	92.15	1.358	.3760-01	.5730-01	-5.560	-.1030-01
25	2.0000	.00000	1.0000	781.2	11.51	.3187	1.681	-3.936	-.4271
25	2.0000	.25000-01	3.0000	251.4	3.704	.1025	.4324	-5.185	.8340-01
25	2.0000	.50000-01	4.0000	173.4	2.555	.7070-01	.2487	-5.368	-.4630-01
25	2.0000	.75000-01	6.0000	140.5	2.071	.5730-01	.1712	-5.445	-.3140-01
25	2.0000	.10000*00	11.000	119.1	1.756	.4210-01	.1208	-5.496	-.2200-01
25	2.0000	.12500	12.000	103.2	1.520	.3870-01	.8320-01	-5.534	-.1500-01
25	2.0000	.15000	14.000	94.83	1.397	.3520-01	.4340-01	-5.554	-.1140-01
25	2.0000	.50000	24.000	86.26	1.271	.3460-01	.3980-01	-5.574	-.7800-02
25	2.0000	.80000	27.000	84.76	1.249	.4030-01	.7280-01	-5.577	-.7100-02
25	2.0000	.85000	30.000	98.76	1.455	.2830-01	.3700-02	-5.613	-.1310-01
25	2.0000	.90000	36.000	69.43	1.023	.2320-01	.2610-01	-5.643	-.7000-03
25	2.0000	.95000	37.000	56.77	.8367	.2090-01	.1342	-5.483	.4600-02
25	3.0000	.10000*00	10.000	124.8	1.839	.5090-01	.1521	-5.465	-.2450-01
25	4.0000	.10000*00	9.0000	132.4	1.951	.5400-01	.1647	-5.452	-.2780-01
25	5.0000	.10000*00	8.0000	137.7	2.030	.5620-01	.1633	-5.404	-.3020-01
25	6.0000	.10000*00	7.0000	158.4	2.334	.6460-01	.2133	-5.404	-.3950-01
25	7.0000	.17000	17.000	464.4	6.844	.1894	.9345	-4.683	-.1996
25	7.0000	.18000	18.000	388.5	5.725	.1585	.7556	-4.862	-.1554

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1B10)

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/S1
25	7.0000	.20000	19.000	145.4	2.143	.5930-01	.1827	-5.434	-.3360-01
25	8.0000	.83000	46.000	152.4	2.246	.6220-01	.1923	-5.418	-.3680-01
25	9.0000	.85000	52.000	75.31	1.110	.3070-01	.1760-01	-5.600	-.3100-02
25	10.000	.79000	42.000	82.19	1.211	.3350-01	.3380-01	-5.583	-.6000-02
25	10.000	.79500	43.000	83.50	1.231	.3410-01	.3690-01	-5.580	-.6600-02
25	10.000	.81000	44.000	83.88	1.236	.3420-01	.3780-01	-5.579	-.6800-02
25	10.000	.83000	45.000	88.87	1.310	.3630-01	.4950-01	-5.568	-.8900-02
25	10.000	.84000	51.000	62.14	.9157	.2530-01	.1350-01	-5.631	-.2400-02
25	10.000	.86000	53.000	110.1	1.623	.4490-01	.9970-01	-5.517	-.1810-01
25	10.000	.87500	50.000	56.11	.8270	.2290-01	-.2770-01	-5.645	.4900-02
25	11.000	.85000	54.000	90.94	1.340	.3710-01	.5440-01	-5.563	-.9800-02
25	12.000	.87500	49.000	79.27	1.168	.3230-01	.2690-01	-5.590	-.4800-02
25	13.000	.83000	47.000	83.79	1.235	.3420-01	.3750-01	-5.580	-.6700-02
25	14.000	.83500	48.000	83.32	1.228	.3400-01	.3640-01	-5.581	-.6500-02
25	15.000	.91000	35.000	61.57	.9074	.2510-01	-.1480-01	-5.632	-.2600-02
25	15.000	.99100	41.000	58.18	.8575	.2370-01	-.2280-01	-5.640	.4000-02
25	16.000	.70000	25.000	58.58	.8634	.2390-01	-.2180-01	-5.639	.3900-02
25	16.000	.85000	29.000	53.00	.7811	.2160-01	-.3500-01	-5.652	.6200-02
25	16.000	.99100	40.000	61.85	.9116	.2520-01	-.1130-01	-5.631	.2500-02
25	17.000	.99000	39.000	63.08	.9296	.2570-01	-.1130-01	-5.628	.2000-02
25	18.000	.25000	21.000	89.01	1.312	.3630-01	.4990-01	-5.567	-.9000-02
25	18.000	.50000	23.000	77.22	1.138	.3150-01	.2210-01	-5.595	-.3900-02
25	18.000	.85000	28.000	82.72	1.219	.3370-01	.3500-01	-5.582	-.6300-02
25	18.000	.98300	38.000	71.63	1.056	.2920-01	.8900-02	-5.608	-.1600-02
25	19.000	.85000	32.000	74.86	1.103	.3050-01	.1650-01	-5.601	-.2900-02
25	20.000	.85000	31.000	83.11	1.225	.3390-01	.3600-01	-5.581	-.6400-02

ORBITER FUSELAGE

IH11. MODEL 84-0. ORBITER FUSELAGE

(RGIB10)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-.7372-01	1.972	2451.	67.84	424.3	241.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P I/P	P I/FO	CP(I)	CP(SI)	CP I/SI
25	1.0000	.00000	1.0000	788.0	11.62	.3215	1.698	-3.920	-.4330
25	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
25	1.0000	.75000-01	5.0000	203.1	2.994	.8290-01	.3188	-5.299	-.6020-01
25	1.0000	.15000	13.000	225.8	3.328	.9210-01	.3723	-5.245	-.7100-01
25	1.0000	.16000	15.000	447.8	6.600	.1827	.8955	-4.722	-.1896
25	1.0000	.18000	16.000	528.3	7.788	.2155	1.085	-4.532	-.2395
25	1.0000	.22000	20.000	49.32	.7271	.2010-01	-4.360-01	-5.661	.7700-02
25	1.0000	.50000	22.000	59.17	.8722	.2410-01	-.2040-01	-5.638	.3600-02
25	1.0000	.80000	26.000	104.5	1.541	.4260-01	.8650-01	-5.531	-.1560-01
25	2.0000	.00000	1.0000	788.0	11.62	.3215	1.698	-3.920	-.4330
25	2.0000	.25000-01	3.0000	200.6	2.957	.8180-01	.3129	-5.305	-.5900-01
25	2.0000	.50000-01	4.0000	134.5	1.982	.5490-01	.1570	-5.461	-.2870-01
25	2.0000	.75000-01	6.0000	107.9	1.591	.4400-01	.9440-01	-5.523	-.1710-01
25	2.0000	.10000+00	11.000	91.53	1.349	.3730-01	.5580-01	-5.562	-.1000-01
25	2.0000	.12500	12.000	77.91	1.148	.3180-01	.2370-01	-5.594	-.4200-02
25	2.0000	.15000	14.000	72.63	1.071	.2960-01	.1130-01	-5.606	-.2000-02
25	2.0000	.50000	24.000	67.28	.9917	.2740-01	-1.300-02	-5.619	-.2000-03
25	2.0000	.80000	27.000	67.99	1.002	.2770-01	.3000-03	-5.617	-.1000-03
25	2.0000	.85000	30.000	77.44	1.141	.3160-01	.2260-01	-5.595	-.4000-02
25	2.0000	.90000	36.000	53.66	.7909	.2190-01	-.3340-01	-5.651	.5900-02
25	3.0000	.10000+00	37.000	44.52	.6563	.1820-01	-.5500-01	-5.673	.9700-02
25	4.0000	.10000+00	10.000	94.76	1.397	.3870-01	.6340-01	-5.554	-.1140-01
25	5.0000	.10000+00	9.0000	100.7	1.485	.4110-01	.7760-01	-5.540	-.1400-01
25	6.0000	.10000+00	8.0000	106.2	1.565	.4330-01	.9040-01	-5.527	-.1630-01
25	7.0000	.17000	17.000	126.8	1.869	.5170-01	.1390	-5.479	-.2540-01
25	7.0000	.18000	18.000	545.7	8.044	.2226	1.126	-4.491	-.2508
25	7.0000	.18000	18.000	451.5	6.655	.1842	.9042	-4.713	-.1918

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/VI
25	7.0000	.20000	19.000	167.7	2.473	.6840-01	.2355	-5.382	-.4380-01
25	8.0000	.83000	46.000	113.4	1.671	.4630-01	1.073	-5.510	-.1950-01
25	9.0000	.85000	52.000	53.42	.7874	.2180-01	-.3400-01	-.6000-02	.3300-02
25	10.000	.79000	42.000	59.83	.8819	.2440-01	-.1890-01	-5.636	.2700-02
25	10.000	.79500	43.000	61.43	.9055	.2510-01	-.1510-01	-5.633	.2800-02
25	10.000	.81000	44.000	61.24	.9028	.2500-01	-.1550-01	-5.620	.5000-03
25	10.000	.83000	45.000	66.62	.9820	.2720-01	-.2900-02	-5.655	.6600-02
25	10.000	.84000	51.000	52.00	.7666	.2120-01	-.3730-01	-5.591	-.4800-02
25	10.000	.86000	53.000	79.16	1.167	.3230-01	.2670-01	-5.665	.8300-02
25	10.000	.87500	50.000	47.86	.7054	.1950-01	-.4710-01	-5.635	.3100-02
25	11.000	.85000	54.000	60.49	.8916	.2470-01	-.4620-01	-5.664	.8200-02
25	12.000	.87500	49.000	48.23	.7110	.1970-01	-.4620-01	-5.637	.3400-02
25	13.000	.83000	47.000	59.64	.8791	.2430-01	-.1930-01	-5.641	.4100-02
25	14.000	.83500	48.000	58.04	.8555	.2370-01	-.2310-01	-5.631	.2400-02
25	15.000	.91000	35.000	62.00	.9139	.2530-01	-.1380-01	-5.684	.1180-01
25	15.000	.99100	41.000	39.47	.5817	.1610-01	-.6630-01	-5.626	.1600-02
25	16.000	.70000	25.000	64.05	.9441	.2610-01	-.8900-02	-5.610	-.1300-02
25	16.000	.85000	29.000	70.98	1.046	.2900-01	.7400-02	-5.583	-.6300-02
25	16.000	.99100	40.000	82.65	1.218	.7370-01	.3490-01	-5.613	-.8000-03
25	17.000	.99000	39.000	69.73	1.028	.6840-01	.4500-02	-5.558	-.1070-01
25	18.000	.25000	21.000	93.11	1.372	.3800-01	.5960-01	-5.587	-.5500-02
25	18.000	.50000	23.000	80.82	1.191	.3300-01	.3060-01	-5.510	-.1950-01
25	18.000	.85000	28.000	113.5	1.673	.4630-01	1.076	-5.583	-.6100-02
25	18.000	.98300	38.000	82.32	1.213	.3360-01	.3410-01	-5.640	-.4000-02
25	19.000	.85000	32.000	58.22	.8582	.2380-01	-.2270-01	-5.640	-.2800-02
25	20.000	.85000	31.000	61.21	.9023	.2500-01	-.1560-01	-5.633	-.2800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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ORBITER FUSELAGE

IH11, MODEL 84-0, ORBITER FUSELAGE

(RG1810)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(S1)	CP1/S1
25	1.0000	.00000	1.0000	779.3	11.49	.3181	1.678	-3.940	-.4259
25	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
25	1.0000	.75000-01	5.0000	250.6	3.697	.1023	.4312	-5.186	-.8310-01
25	1.0000	.15000	13.000	301.4	4.446	.1230	.5509	-5.066	-.1087
25	1.0000	.16000	15.000	529.7	7.812	.2162	1.089	-4.528	-.2406
25	1.0000	.18000	16.000	623.7	9.199	.2546	1.311	-4.306	-.3044
25	1.0000	.22000	20.000	64.27	.9479	.2620-01	-.8300-02	-5.626	.1500-02
25	1.0000	.50000	22.000	75.83	1.118	.3100-01	.1890-01	-5.598	-.3400-02
25	1.0000	.80000	26.000	119.0	1.755	.4860-01	.1207	-5.497	-.2200-01
25	2.0000	.00000	1.0000	779.3	11.49	.3181	1.678	-3.940	-.4259
25	2.0000	.25000-01	3.0000	158.8	2.341	.6480-01	.2145	-5.403	-.3970-01
25	2.0000	.50000-01	4.0000	105.5	1.557	.4310-01	.8900-01	-5.528	-.1610-01
25	2.0000	.75000-01	6.0000	84.16	1.241	.3440-01	.3860-01	-5.579	-.6900-02
25	2.0000	.10000+00	11.000	70.80	1.044	.2890-01	.7100-02	-5.610	-.1300-02
25	2.0000	.12500	12.000	61.76	.9109	.2520-01	-.1430-01	-5.632	-.2500-02
25	2.0000	.15000	14.000	59.71	.8806	.2440-01	-.1910-01	-5.637	-.3400-02
25	2.0000	.50000	24.000	58.77	.8667	.2400-01	-.2130-01	-5.639	-.3800-02
25	2.0000	.80000	27.000	58.93	.8630	.2410-01	-.2090-01	-5.638	-.3700-02
25	2.0000	.85000	30.000	67.65	.9977	.2760-01	-.4000-03	-5.618	.1000-03
25	2.0000	.90000	35.000	43.52	.6418	.1780-01	-.5730-01	-5.675	.1010-01
25	2.0000	.95000	37.000	36.92	.5444	.1510-01	-.7280-01	-5.690	.1280-01
25	3.0000	.10000+00	10.000	73.08	1.078	.2980-01	.1240-01	-5.605	-.2200-02
25	4.0000	.10000+00	9.0000	76.85	1.133	.3140-01	.2130-01	-5.596	-.3800-02
25	5.0000	.10000+00	8.0000	81.09	1.196	.3310-01	.3130-01	-5.586	-.5600-02
25	6.0000	.10000+00	7.0000	98.39	1.451	.4020-01	.7210-01	-5.545	-.1300-01
25	7.0000	.17000	17.000	646.6	9.536	.2639	1.365	-4.252	-.3210
25	7.0000	.18000	18.000	519.9	7.667	.2122	1.066	-4.551	-.2342

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1. MODEL 84-0. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	PI(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
25	7.000	.20000	19.000	196.2	2.893	.8010-01	.3027	-5.315	-.5700-01
25	8.000	.83000	46.000	89.44	1.319	.3650-01	.5100-01	-5.566	-.9200-02
25	9.000	.65000	52.000	40.89	.6030	.1670-01	-.6350-01	-5.681	.1120-01
25	10.000	.79000	47.29	6974	.1930-01	.4840-01	-.4840-01	-5.666	.8500-02
25	10.000	.79500	43.000	48.23	.7112	.1970-01	-.4620-01	-5.664	.8200-02
25	10.000	.81000	44.000	47.94	.7071	.1960-01	-.4680-01	-5.664	.8300-02
25	10.000	.83000	45.000	55.75	.8223	.2280-01	-.2840-01	-5.646	.5000-02
25	10.000	.84000	51.000	47.29	.6974	.1930-01	-.4840-01	-5.666	.8500-02
25	10.000	.86000	53.000	55.19	.8139	.2250-01	-.2980-01	-5.647	.5300-02
25	10.000	.87500	50.000	41.83	.6169	.1710-01	.6130-01	-5.679	.1080-01
25	11.000	.85000	54.000	43.81	.6460	.1790-01	-.5660-01	-5.674	.1000-01
25	12.000	.87500	49.000	32.70	.4823	.1330-01	-.8280-01	-5.700	.1450-01
25	13.000	.83000	47.000	45.69	.6738	.1860-01	-.5220-01	-5.669	.9200-02
25	14.000	.83500	48.000	43.15	.6363	.1760-01	-.5820-01	-5.675	.1020-01
25	15.000	.91000	35.000	51.62	.7612	.2110-01	-.3820-01	-5.655	.6800-02
25	16.000	.70000	41.000	32.42	.4781	.1320-01	-.8340-01	-5.701	.1460-01
25	16.000	.85000	29.000	77.24	1.139	.3150-01	.2230-01	-5.595	-.4000-02
25	16.000	.99100	40.000	93.04	1.372	.3800-01	.5950-01	-5.558	-.1070-01
25	17.000	.99000	39.000	110.3	1.627	.4500-01	.1003	-5.517	-.1820-01
25	18.000	.25000	21.000	94.71	1.397	.2870-01	.6340-01	-5.554	-.1140-01
25	18.000	.50000	23.000	99.96	1.474	.4080-01	.7580-01	-5.541	-.1370-01
25	18.000	.85000	28.000	85.50	1.261	.3490-01	.4170-01	-5.576	-.7500-02
25	18.000	.98300	38.000	135.5	1.998	.5530-01	.1596	-5.458	-.2920-01
25	19.000	.85000	32.000	106.1	1.565	.4330-01	.9030-01	-5.527	-.1630-01
25	20.000	.85000	31.000	48.47	.7149	.1980-01	-.4560-01	-5.663	.8100-02
25	20.000	.85000	31.000	49.10	.7241	.2000-01	-.4410-01	-5.661	.7800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-O. ORBITER FUSELAGE

PAGE 143
(RG1B10)

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-5.052	1.818	3476.	44.88	387.2	212.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/S1
24	1.0000	.00000	1.0000	724.6	16.14	.2085	1.755	-7.105	-.2470
24	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
24	1.0000	.75000-01	5.0000	218.6	4.872	.6290-01	.4487	-6.412	-.5330-01
24	1.0000	.15000	13.000	230.8	5.143	.6540-01	.4802	-8.381	-.5730-01
24	1.0000	.16000	15.000	491.5	10.95	.1414	1.153	-7.707	-.1496
24	1.0000	.18000	16.000	600.2	13.37	.1727	1.434	-7.427	-.1931
24	1.0000	.22000	20.000	54.10	1.205	.1560-01	.2380-01	-8.837	-.2700-02
24	1.0000	.50000	22.000	56.46	1.258	.1620-01	.2990-01	-8.831	-.3400-02
24	1.0000	.80000	26.000	77.68	1.731	.2230-01	.8470-01	-8.776	-.9700-02
24	2.0000	.00000	1.0000	724.6	16.14	.2085	1.755	-7.105	-.2470
24	2.0000	.25000-01	3.0000	134.1	2.988	.3860-01	.2305	-8.630	-.2670-01
24	2.0000	.50000-01	4.0000	85.15	1.897	.2450-01	1.040	-8.757	-.1190-01
24	2.0000	.75000-01	6.0000	66.68	1.486	.1920-01	.5630-01	-8.804	-.6400-02
24	2.0000	.10000+00	11.000	55.20	1.230	.1590-01	.2660-01	-8.834	-.3000-02
24	2.0000	.12500	12.000	46.86	1.044	.1350-01	.5100-02	-8.856	-.6000-03
24	2.0000	.15000	14.000	45.69	1.018	.1310-01	.2100-02	-8.859	-.2000-03
24	2.0000	.50000	24.000	39.24	.8725	.1130-01	-.1480-01	-8.876	-.1700-02
24	2.0000	.85000	30.000	46.55	.8743	.1340-01	-.1460-01	-8.875	-.1600-02
24	2.0000	.90000	36.000	27.29	.6080	.7900-02	-.4540-01	-8.906	-.5000-03
24	2.0000	.95000	37.000	23.83	.5309	.6900-02	-.5440-01	-8.915	-.6100-02
24	3.0000	.10000+00	10.000	56.85	1.267	.1640-01	.3090-01	-8.830	-.3500-02
24	4.0000	.10000+00	9.0000	60.54	1.349	.1740-01	.4040-01	-8.820	-.4600-02
24	5.0000	.10000+00	8.0000	64.71	1.442	.1860-01	.5120-01	-8.810	-.5800-02
24	6.0000	.10000+00	7.0000	80.04	1.783	.2300-01	.9080-01	-8.770	-.1040-01
24	7.0000	.17000	17.000	615.4	13.71	.1770	1.473	-7.387	-.1994
24	7.0000	.18000	18.000	484.5	10.80	.1394	1.135	-7.725	-.1470

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
24	7.0000	.20000	19.000	177.2	3.948	.5100-01	.3417	-8.519	-.4010-01
24	8.0000	.83000	46.000	53.99	1.203	.1550-01	.2350-01	-8.837	-.2700-02
24	9.0000	.85000	52.000	25.96	.5785	.7500-02	-.4890-01	-8.910	.5500-02
24	10.000	.79000	42.000	28.22	.6288	.8100-02	-.4300-01	-8.904	.4800-02
24	10.000	.79500	43.000	28.69	.6393	.8300-02	-.4180-01	-8.903	.4700-02
24	10.000	.81000	44.000	28.60	.6372	.8200-02	-.4210-01	-8.903	.4700-02
24	10.000	.83000	45.000	33.02	.7357	.9500-02	-.3060-01	-8.891	.3400-02
24	10.000	.84000	51.000	28.41	.6330	.8200-02	-.4250-01	-8.903	.4800-02
24	10.000	.86000	53.000	33.49	.7461	.9600-02	-.2940-01	-8.890	.3300-02
24	10.000	.87500	50.000	26.06	.5806	.7500-02	-.4860-01	-8.909	.5500-02
24	11.000	.85000	54.000	25.59	.5701	.7400-02	-.4980-01	-8.911	.5600-02
24	12.000	.87500	49.000	20.51	.4569	.5900-02	-.6290-01	-8.924	.7100-02
24	13.000	.83000	47.000	27.00	.6015	.7800-02	-.4620-01	-8.907	.5200-02
24	14.000	.83500	48.000	25.21	.5617	.7300-02	-.5080-01	-8.912	.5700-02
24	15.000	.91000	35.000	32.63	.7271	.9400-02	-.3160-01	-8.892	.3600-02
24	15.000	.70000	41.000	22.58	.5030	.6500-02	-.5760-01	-8.918	.6500-02
24	16.000	.85000	25.000	52.84	1.177	.1520-01	.2050-01	-8.840	-.2300-02
24	16.000	.99100	29.000	61.96	1.381	.1780-01	.4410-01	-8.817	-.5000-02
24	17.000	.99000	40.000	78.07	1.740	.2250-01	.8570-01	-8.775	-.9800-02
24	18.000	.25000	39.000	67.63	1.507	.1350-01	.5870-01	-8.802	-.6700-02
24	18.000	.50000	21.000	79.49	1.771	.2290-01	.8940-01	-8.771	-.1020-01
24	18.000	.85000	23.000	63.22	1.409	.1820-01	.4730-01	-8.813	-.5400-02
24	18.000	.98300	28.000	96.71	2.155	.2780-01	.1338	-8.727	-.1530-01
24	19.000	.85000	38.000	79.73	1.776	.2290-01	.9000-01	-8.771	-.1030-01
24	20.000	.85000	32.000	33.50	.7464	.9600-02	-.2940-01	-8.890	.3300-02
24	20.000	.85000	31.000	30.83	.6868	.8900-02	-.3630-01	-8.897	.4100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
24	3.511	-.6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(I) PSFA	P I/P	PI/FO	CP(I)	CP(SI)	CPI/SI
24	1.0000	.0000	1.0000	721.7	16.08	.2076	1.748	-7.114	-.2457
24	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
24	1.0000	.75000-01	5.0000	168.4	3.752	.4840-01	.3190	-8.542	-.3730-01
24	1.0000	.15000	13.000	171.3	3.817	.4930-01	.3265	-8.535	-.3830-01
24	1.0000	.16000	15.000	392.4	8.742	.1129	.8972	-7.964	-.1127
24	1.0000	.18000	16.000	487.4	10.86	.1402	1.142	-7.719	-.1480
24	1.0000	.22000	20.000	41.85	.9324	.1200-01	-.7800-02	-8.869	.9000-03
24	1.0000	.50000	22.000	41.70	.9289	.1200-01	-.8200-02	-8.869	.9000-03
24	1.0000	.80000	26.000	67.25	1.498	.1930-01	.5770-01	-8.803	-.6600-02
24	2.0000	.00000	1.0000	721.7	16.08	.2076	1.748	-7.114	-.2457
24	2.0000	.25000-01	3.0000	169.1	3.768	.4850-01	.3208	-8.540	-.3760-01
24	2.0000	.50000-01	4.0000	110.2	2.456	.3170-01	.1688	-8.692	-.1940-01
24	2.0000	.75000-01	6.0000	85.56	1.906	.2460-01	.1050	-8.755	-.1200-01
24	2.0000	.10000+00	11.000	70.63	1.573	.2030-01	.6650-01	-8.795	-.7600-02
24	2.0000	.12500	12.000	59.62	1.328	.1710-01	.3800-01	-8.823	-.4300-02
24	2.0000	.15000	14.000	55.38	1.234	.1590-01	.2710-01	-8.834	-.3100-02
24	2.0000	.50000	24.000	47.83	1.066	.1380-01	.7600-02	-8.854	-.9000-03
24	2.0000	.80000	27.000	45.47	1.013	.1310-01	.1500-02	-8.860	-.2000-03
24	2.0000	.85000	30.000	53.80	1.199	.1550-01	.2300-01	-8.838	-.2600-02
24	2.0000	.90000	36.000	35.25	.7853	.1010-01	-.2490-01	-8.886	-.2800-02
24	2.0000	.95000	37.000	28.81	.6417	.8300-02	-.4150-01	-8.903	-.4700-02
24	3.0000	.10000+00	10.000	73.93	1.647	.2130-01	.7500-01	-8.786	-.8500-02
24	4.0000	.10000+00	9.0000	80.38	1.791	.2310-01	.9160-01	-8.769	-.1040-01
24	5.0000	.10000+00	8.0000	85.72	1.910	.2470-01	.1054	-8.756	-.1200-01
24	6.0000	.10000+00	7.0000	103.5	2.305	.2980-01	1.1513	-8.710	-.1740-01
24	7.0000	.17000	17.000	496.0	11.05	.1427	1.165	-7.596	-.1513
24	7.0000	.18000	18.000	406.3	9.051	.1169	.9332	-7.928	-.1177

IH11. MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(S1)	CP1/S1
24	7.0000	.20000	19.000	144.1	3.211	.4150-01	.2562	-8.605	-.2980-01
24	8.0000	.83000	46.000	74.16	1.652	.2130-01	.7560-01	-8.786	-.8600-02
24	9.0000	.85000	52.000	34.14	.7606	.9800-02	-.2770-01	-8.889	.3100-02
24	10.0000	.79000	42.000	38.00	.8466	.1090-01	-.1780-01	-8.879	.2000-02
24	10.0000	.79500	43.000	38.85	.8655	.1120-01	-.1560-01	-8.877	.1800-02
24	10.0000	.81000	44.000	38.85	.8655	.1120-01	-.1560-01	-8.877	.1800-02
24	10.0000	.83000	45.000	42.05	.9368	.1210-01	-.7300-02	-8.868	.8000-03
24	10.0000	.84000	51.000	32.26	.7186	.9300-02	-.3260-01	-8.894	.3700-02
24	10.0000	.86000	53.000	49.77	1.109	.1430-01	.1260-01	-8.848	-.1400-02
24	10.0000	.87500	50.000	34.05	.7585	.9800-02	-.2800-01	-8.889	.3100-02
24	11.0000	.85000	54.000	38.28	.8529	.1100-01	-.1710-01	-8.878	.1900-02
24	12.0000	.87500	49.000	35.74	.7962	.1030-01	-.2360-01	-8.885	.2700-02
24	13.0000	.83000	47.000	38.00	.8466	.1090-01	-.1780-01	-8.879	.2000-02
24	14.0000	.83500	48.000	36.31	.8088	.1040-01	-.2220-01	-8.883	.2500-02
24	15.0000	.91000	35.000	41.15	.9166	.1180-01	-.9700-02	-8.871	.1100-02
24	15.0000	.99100	41.000	26.04	.5802	.7500-02	-.4870-01	-8.910	.5500-02
24	16.0000	.70000	25.000	45.55	1.015	.1310-01	.1700-02	-8.859	-.2000-03
24	16.0000	.85000	29.000	46.18	1.029	.1330-01	.3300-02	-8.858	-.4000-03
24	16.0000	.99100	40.000	57.02	1.270	.1640-01	.3130-01	-8.830	-.3500-02
24	17.0000	.99000	39.000	53.44	1.191	.1540-01	.2210-01	-8.839	-.2500-02
24	18.0000	.25000	21.000	71.41	1.591	.2050-01	.6850-01	-8.793	-.7800-02
24	18.0000	.50000	23.000	57.26	1.276	.1650-01	.3190-01	-8.829	-.3600-02
24	18.0000	.85000	28.000	78.10	1.740	.2250-01	.8570-01	-8.775	-.9800-02
24	18.0000	.98300	38.000	66.93	1.491	.1930-01	.5690-01	-8.804	-.6500-02
24	19.0000	.85000	32.000	41.78	.9307	.1200-01	-.8000-02	-8.869	.9000-03
24	20.0000	.85000	31.000	40.44	.9009	.1160-01	-.1150-01	-8.872	.1300-02

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

(RG1810)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CPI/SI
24	1.0000	.00000	1.0000	710.1	15.82	.2043	1.718	-7.142	-7.142	-.2405
24	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
24	1.0000	.75000-01	5.0000	128.4	2.861	.3690-01	.2157	-6.644	-6.644	-.2490-01
24	1.0000	.15000	13.000	127.8	2.847	.7680-01	.2140	-8.646	-8.646	-.2480-01
24	1.0000	.16000	15.000	300.5	6.695	.6650-01	.6601	-8.200	-8.200	-.8050-01
24	1.0000	.18000	16.000	385.3	8.584	.1108	.8790	-7.981	-7.981	-.1101
24	1.0000	.22000	20.000	31.74	.7072	.9100-02	-.3390-01	-8.894	-8.894	.3800-02
24	1.0000	.50000	22.000	31.43	.7002	.9000-02	-.3470-01	-8.895	-8.895	.3900-02
24	1.0000	.80000	26.000	61.79	1.377	.1780-01	.4360-01	-8.816	-8.816	-.5000-02
24	2.0000	.00000	1.0000	710.1	15.82	.2043	1.718	-7.142	-7.142	-.2405
24	2.0000	.25000-01	3.0000	212.4	4.732	.6110-01	.4326	-8.427	-8.427	-.5130-01
24	2.0000	.50000-01	4.0000	142.4	3.173	.4100-01	.2518	-8.608	-8.608	-.2930-01
24	2.0000	.75000-01	6.0000	112.5	2.507	.3240-01	.1746	-8.685	-8.685	-.2010-01
24	2.0000	.10000+00	11.000	93.88	2.092	.2700-01	.1265	-8.733	-8.733	-.1450-01
24	2.0000	.12500	12.000	79.25	1.766	.2280-01	.8870-01	-8.771	-8.771	-.1010-01
24	2.0000	.15000	14.000	72.25	1.610	.2080-01	.7070-01	-8.789	-8.789	-.8000-02
24	2.0000	.50000	24.000	61.48	1.370	.1770-01	.4280-01	-8.817	-8.817	-.4900-02
24	2.0000	.80000	27.000	58.80	1.310	.1690-01	.3590-01	-8.824	-8.824	-.4100-02
24	2.0000	.85000	30.000	72.80	1.622	.2090-01	.7210-01	-8.788	-8.788	-.6200-02
24	2.0000	.90000	35.000	46.06	1.026	.1330-01	.3000-02	-8.857	-8.857	-.3000-03
24	2.0000	.95000	37.000	37.72	.8404	.1090-01	-.1850-01	-8.878	-8.878	-.2100-02
24	3.0000	.10000+00	10.000	98.68	2.198	.2840-01	.1389	-8.721	-8.721	-.1590-01
24	4.0000	.10000+00	9.0000	106.2	2.367	.3060-01	.1584	-8.702	-8.702	-.1820-01
24	5.0000	.10000+00	8.0000	111.7	2.489	.3210-01	.1726	-8.687	-8.687	-.1990-01
24	6.0000	.10000+00	7.0000	130.3	2.903	.3750-01	.2205	-8.639	-8.639	-.2550-01
24	7.0000	.17000	17.000	400.1	8.913	.1151	.9172	-7.943	-7.943	-.1155
24	7.0000	.18000	18.000	330.8	7.369	.9520-01	.7382	-8.122	-8.122	-.9090-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
24	7.0000	.20000	19.000	119.5	2.663	.3440-01	.1927	-8.667	-.2220-01
24	8.0000	.83000	46.000	107.0	2.383	.3080-01	.1603	-8.700	-.1840-01
24	9.0000	.85000	52.000	50.02	1.114	.1440-01	.1370-01	-8.847	-.1500-02
24	10.000	.79000	42.000	54.44	1.213	.1570-01	.2470-01	-8.835	-.2800-02
24	10.000	.79500	43.000	55.38	1.234	.1590-01	.2710-01	-8.833	-.3100-02
24	10.000	.81000	44.000	55.85	1.244	.1610-01	.2830-01	-8.832	-.3200-02
24	10.000	.83000	45.000	58.20	1.297	.1670-01	.3440-01	-8.826	-.3900-02
24	10.000	.84000	51.000	42.77	.9528	.1230-01	.5500-02	-8.865	.6000-03
24	10.000	.86000	53.000	73.45	1.636	.2110-01	.7380-01	-8.786	-.8400-02
24	10.000	.87500	50.000	41.83	.9318	.1200-01	.7900-02	-8.868	.9000-03
24	11.000	.85000	54.000	58.68	1.307	.1640-01	.3560-01	-8.824	-.4000-02
24	12.000	.87500	49.000	56.51	1.259	.1630-01	.3000-01	-8.830	-.3400-02
24	13.000	.83000	47.000	56.13	1.251	.1610-01	.2900-01	-8.831	-.3300-02
24	14.000	.83500	48.000	55.57	1.238	.1600-01	.2760-01	-8.832	-.3100-02
24	15.000	.91000	35.000	46.45	1.035	.1340-01	.4000-02	-8.856	-.5000-03
24	15.000	.99100	41.000	39.38	.8773	.1130-01	.1420-01	-8.874	.1600-02
24	16.000	.70000	25.000	39.14	.8719	.1130-01	.1480-01	-8.875	.1700-02
24	16.000	.85000	29.000	36.94	.8229	.1060-01	.2050-01	-8.880	.2300-02
24	17.000	.99100	40.000	44.08	.9821	.1270-01	.2100-02	-8.862	.2000-03
24	18.000	.25000	39.000	49.07	1.093	.1410-01	.1080-01	-8.849	-.1200-02
24	18.000	.50000	21.000	65.96	1.469	.1900-01	.5440-01	-8.806	.6200-02
24	18.000	.53.22	23.000	53.22	1.186	.1530-01	.2150-01	-8.838	-.2400-02
24	18.000	.85000	28.000	55.97	1.247	.1610-01	.2860-01	-8.831	-.3200-02
24	18.000	.98300	38.000	56.44	1.257	.1620-01	.2980-01	-8.830	-.3400-02
24	19.000	.85000	32.000	54.63	1.217	.1570-01	.2520-01	-8.835	-.2800-02
24	20.000	.85000	31.000	56.83	1.266	.1640-01	.3090-01	-8.829	-.3500-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-O. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	G PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
29	1.0000	.00000	1.0000	967.0	8.408	.4963	1.701	-1.959	-.8683
29	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
29	1.0000	.75000-01	5.0000	237.2	2.062	.1218	.2439	-3.415	-.7140-01
29	1.0000	.15000	13.0000	299.6	2.605	.1538	.3685	-3.291	-.1120
29	1.0000	.16000	15.0000	488.4	4.246	.2507	.7453	-2.914	-.2557
29	1.0000	.18000	16.0000	552.5	4.803	.2836	.8732	-2.786	-.3134
29	1.0000	.22000	20.0000	54.51	.4739	.2800-01	-.1208	-3.780	.3200-01
29	1.0000	.50000	22.0000	86.49	.7520	.4440-01	-.5690-01	-3.716	.1530-01
29	1.0000	.80000	26.0000	132.8	1.154	.6820-01	.3550-01	-3.624	-.9800-02
29	2.0000	.00000	1.0000	967.0	8.408	.4963	1.701	-1.959	-.8683
29	2.0000	.25000-01	3.0000	344.6	2.996	.1769	.4584	-3.201	-.1432
29	2.0000	.50000-01	4.0000	248.7	2.162	.1276	.2668	-3.393	-.7860-01
29	2.0000	.75000-01	6.0000	208.9	1.816	.1072	.1875	-3.472	-.5400-01
29	2.0000	.10000+00	11.0000	181.1	1.575	.9300-01	.1319	-3.528	-.3740-01
29	2.0000	.12500	12.0000	160.1	1.382	.8220-01	.9000-01	-3.569	-.2520-01
29	2.0000	.15000	14.0000	149.0	1.296	.7650-01	.6790-01	-3.592	-.1890-01
29	2.0000	.50000	24.0000	147.2	1.279	.7550-01	.6420-01	-3.595	-.1780-01
29	2.0000	.80000	27.0000	136.9	1.190	.7020-01	.4360-01	-3.616	-.1210-01
29	2.0000	.85000	30.0000	137.8	1.198	.7070-01	.4550-01	-3.614	-.1260-01
29	2.0000	.90000	36.0000	117.9	1.025	.6050-01	.5800-02	-3.654	-.1600-02
29	2.0000	.95000	37.0000	96.24	.8367	.4940-01	-.3750-01	-3.697	-.1010-01
29	3.0000	.10000+00	10.0000	183.1	1.592	.9400-01	.1360	-3.523	-.3860-01
29	4.0000	.10000+00	9.0000	186.4	1.620	.9570-01	.1424	-3.517	-.4050-01
29	5.0000	.10000+00	8.0000	189.4	1.647	.9720-01	.1485	-3.511	-.4230-01
29	6.0000	.10000+00	7.0000	203.5	1.769	.1045	.1766	-3.483	-.5070-01
29	7.0000	.17000	17.0000	554.4	4.821	.2846	.8772	-2.782	-.3153
29	7.0000	.18000	18.0000	443.7	3.858	.2278	.6562	-3.003	-.2185

IHI1 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
29	7.0000	.20000	19.000	166.6	1.448	.8550-01	.1029	-3.556	-.2890-01
29	8.0000	.83000	46.000	221.4	1.925	.1137	.2124	-3.447	-.6160-01
29	9.0000	.85000	52.000	114.4	.9947	.5870-01	-.1200-02	-3.661	.3000-03
29	10.000	.79000	42.000	135.8	1.180	.6970-01	.4140-01	-3.618	-.1140-01
29	10.000	.79500	43.000	137.9	1.199	.7080-01	.4570-01	-3.614	-.1270-01
29	10.000	.81000	44.000	137.8	1.198	.7070-01	.4550-01	-3.614	-.1260-01
29	10.000	.83000	45.000	159.6	1.388	.8190-01	.8910-01	-3.570	-.2490-01
29	10.000	.84000	51.000	124.0	1.078	.6360-01	.1790-01	-3.641	-.4900-02
29	10.000	.86000	53.000	166.8	1.450	.8560-01	.1033	-3.556	-.2910-01
29	10.000	.87500	50.000	78.30	.6808	.4020-01	-.7330-01	-3.733	-.1960-01
29	11.000	.85000	54.000	140.1	1.218	.7140-01	.5000-01	-3.609	-.1390-01
29	12.000	.87500	49.000	111.3	.9678	.5710-01	-.7400-02	-3.667	-.2000-02
29	13.000	.83000	47.000	137.2	1.193	.7040-01	.4420-01	-3.615	-.1220-01
29	14.000	.83500	48.000	136.8	1.189	.7020-01	.4350-01	-3.616	-.1200-01
29	15.000	.91000	35.000	109.4	.9508	.5610-01	-.1130-01	-3.671	.3100-02
29	15.000	.99100	41.000	94.20	.8190	.4830-01	-.4160-01	-3.701	.1120-01
29	16.000	.70000	25.000	70.46	.6126	.3620-01	-.8890-01	-3.748	.2370-01
29	16.000	.85000	29.000	69.99	.6085	.3590-01	-.8990-01	-3.749	.2400-01
29	16.000	.99100	40.000	87.24	.7585	.4480-01	-.5550-01	-3.715	.1490-01
29	17.000	.99000	39.000	80.09	.6963	.4110-01	-.6970-01	-3.729	.1870-01
29	18.000	.25000	21.000	115.4	1.003	.5920-01	.8000-03	-3.659	-.2000-03
29	18.000	.50000	23.000	97.81	.8504	.5020-01	-.3440-01	-3.694	.9300-02
29	18.000	.85000	28.000	122.6	1.066	.6290-01	.1520-01	-3.644	-.4200-02
29	18.000	.98300	38.000	84.61	.7356	.4340-01	-.6070-01	-3.720	.1630-01
29	19.000	.85000	32.000	109.8	.9549	.5640-01	-.1040-01	-3.670	.2800-02
29	20.000	.85000	31.000	138.0	1.200	.7090-01	.4600-01	-3.613	-.1270-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-.6774-01	2.154	1948.	1:5.0	501.0	288.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
29	1.0000	.00000	1.0000	971.2	8.443	.4985	1.709	-1.950	-.8763
29	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
29	1.0000	.75000-01	5.0000	288.6	2.509	.1481	.3465	-3.313	-.1046
29	1.0000	.15000	13.000	394.6	3.431	.2025	.5581	-3.101	-.1800
29	1.0000	.16000	15.000	582.1	5.060	.2388	.9323	-2.727	-.3419
29	1.0000	.18000	16.000	650.2	5.652	.3337	1.068	-2.591	-.4123
29	1.0000	.22000	20.000	67.23	.5845	.3450-01	-.9540-01	-3.755	.2540-01
29	1.0000	.50000	26.000	96.17	.8361	.4940-01	-.3760-01	-3.697	.1020-01
29	1.0000	.80000	26.000	163.3	1.420	.8380-01	.9640-01	-3.563	-.2710-01
29	2.0000	.00000	1.0000	971.2	8.443	.4985	1.709	-1.950	-.8763
29	2.0000	.25000-01	3.0000	279.9	2.434	.1437	.3292	-3.330	-.9890-01
29	2.0000	.50000-01	4.0000	198.9	1.729	.1021	.1674	-3.492	-.4790-01
29	2.0000	.75000-01	6.0000	166.2	1.445	.8530-01	.1022	-3.557	-.2870-01
29	2.0000	.10000+00	11.000	144.1	1.253	.7400-01	.5810-01	-3.601	-.1610-01
29	2.0000	.12500	12.000	128.0	1.113	.6570-01	.2590-01	-3.633	-.7100-02
29	2.0000	.15000	14.000	119.9	1.043	.6160-01	.9800-02	-3.650	-.2700-02
29	2.0000	.50000	24.000	126.1	1.097	.6470-01	.2220-01	-3.637	-.6100-02
29	2.0000	.80000	27.000	117.2	1.019	.6020-01	.4400-02	-3.655	-.1200-02
29	2.0000	.85000	30.000	115.6	1.005	.5930-01	1.100-02	-3.658	-.3000-03
29	2.0000	.90000	36.000	99.79	.8675	.5120-01	-.3040-01	-3.690	-.8200-02
29	2.0000	.95000	37.000	80.68	.7014	.4140-01	-.6860-01	-3.728	-.1840-01
29	3.0000	.10000+00	10.000	145.5	1.265	.7470-01	.6090-01	-3.598	-.1690-01
29	4.0000	.10000+00	9.0000	149.3	1.298	.7650-01	.6850-01	-3.591	-.1910-01
29	5.0000	.10000+00	8.0000	152.4	1.325	.7820-01	.7460-01	-3.585	-.2080-01
29	6.0000	.10000+00	7.0000	169.6	1.475	.8710-01	1.090	-3.550	-.3070-01
29	7.0000	.17000	17.000	654.6	5.691	.3360	1.077	-2.582	-.4171
29	7.0000	.18000	18.000	510.1	4.435	.2618	.7887	-2.871	-.2747

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
29	7.0000	.20000	19.000	191.0	1.661	.9800-01	.1517	-3.508	-.4320-01
29	8.0000	.83000	46.000	186.5	1.622	.9570-01	.1428	-3.516	-.4060-01
29	9.0000	.85000	52.000	94.12	.8182	.4170-01	-4.170-01	-3.701	.1130-01
29	10.000	.79500	42.000	113.0	.9827	.5800-01	-4.000-02	-3.663	.1100-02
29	10.000	.81000	44.000	114.6	.9966	.5880-01	-8.000-03	-3.660	.2000-03
29	10.000	.83000	45.000	114.1	.9917	.5860-01	-1.900-02	-3.661	.5000-03
29	10.000	.84000	51.000	131.1	1.140	.6730-01	3.210-01	3.627	-.8800-02
29	10.000	.86000	53.000	102.5	.8911	.5260-01	-2.500-01	-3.684	.6800-02
29	10.000	.87500	50.000	137.0	1.191	.7030-01	.4390-01	3.615	-.1220-01
29	11.000	.85000	54.000	68.23	.5932	.3500-01	-9.340-01	-3.753	.2490-01
29	12.000	.87500	49.000	111.1	.9663	.5710-01	-7.700-02	-3.667	.2100-02
29	13.000	.83000	47.000	84.23	.7323	.4320-01	-6.150-01	-3.721	.1650-01
29	14.000	.83500	48.000	111.1	.9663	.5710-01	-7.700-02	-3.667	.2100-02
29	15.000	.91000	35.000	110.0	.9565	.5650-01	-1.000-01	-3.669	.2700-02
29	15.000	.99100	41.000	67.86	.9441	.5570-01	-1.280-01	-3.672	.3500-02
29	16.000	.70000	25.000	88.62	.7705	.4480-01	-9.420-01	-3.753	.2510-01
29	16.000	.99100	29.000	112.4	.9776	.5770-01	-5.100-02	-3.664	.1420-01
29	17.000	.99000	40.000	111.8	.9721	.5740-01	-6.400-02	-3.666	.1400-02
29	18.000	.25000	39.000	97.41	.8469	.5000-01	-3.520-01	-3.694	.1800-02
29	18.000	.50000	21.000	120.0	1.043	.6160-01	.9900-02	-3.649	.9500-02
29	18.000	.85000	23.000	105.9	.9209	.5440-01	-1.820-01	-3.677	-.2700-02
29	18.000	.98300	28.000	140.5	1.222	.7210-01	5.090-01	3.608	.1410-01
29	19.000	.85000	38.000	103.9	.9038	.5340-01	-2.210-01	-3.681	.6000-02
29	19.000	.85000	32.000	92.71	.8060	.4760-01	-4.450-01	-3.704	.1200-01
29	20.000	.85000	31.000	113.7	.9885	.5840-01	-2.500-02	-3.662	.7000-03

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
29	1.0000	.00000	1.0000	969.3	8.427	.4975	1.705	-1.954	-.8727
29	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
29	1.0000	.75000-01	5.0000	350.8	3.050	.1801	.4707	-3.189	-.1476
29	1.0000	.15000	13.000	508.0	4.417	.2608	.7845	-2.875	-.2729
29	1.0000	.16000	15.000	696.3	6.054	.3574	1.160	-2.499	-.4643
29	1.0000	.18000	16.000	746.5	6.430	.3831	1.260	-2.399	-.5254
29	1.0000	.22000	20.000	83.81	.7287	.4300-01	-.6230-01	-3.722	.1670-01
29	1.0000	.50000	22.000	119.9	1.042	.6150-01	.9700-02	-3.650	-.2700-02
29	1.0000	.80000	26.000	160.0	1.391	.8210-01	.8990-01	-3.569	-.2520-01
29	2.0000	.00000	1.0000	969.3	8.427	.4975	1.705	-1.954	-.8727
29	2.0000	.25000-01	3.0000	231.2	2.010	.1187	.2318	-3.428	-.6760-01
29	2.0000	.50000-01	4.0000	164.2	1.428	.8430-01	.9820-01	-3.561	-.2760-01
29	2.0000	.75000-01	6.0000	136.5	1.186	.7000-01	.4280-01	-3.615	-.1180-01
29	2.0000	.10000+00	11.000	118.5	1.030	.6080-01	.6900-02	-3.652	-.1900-02
29	2.0000	.12500	12.000	105.1	.9138	.5400-01	-.1980-01	-3.679	.5400-02
29	2.0000	.15000	14.000	100.1	.8701	.5140-01	-.2980-01	-3.689	.8100-02
29	2.0000	.50000	24.000	111.2	.9671	.5710-01	-.7600-02	-3.667	.2100-02
29	2.0000	.80000	27.000	104.0	.9042	.5340-01	-.2200-01	-3.681	.6000-02
29	2.0000	.90000	30.000	102.7	.8933	.5270-01	-.2450-01	-3.684	.6600-02
29	2.0000	.95000	36.000	85.15	.7403	.4370-01	-.5960-01	-3.719	.1600-01
29	2.0000	.10000+00	37.000	69.51	.6043	.3570-01	-.9090-01	-3.750	.2420-01
29	3.0000	.10000+00	10.000	119.2	1.037	.6120-01	.8400-02	-3.651	-.2300-02
29	4.0000	.10000+00	9.0000	121.4	1.056	.6230-01	.1280-01	-3.646	-.3500-02
29	5.0000	.10000+00	8.0000	124.0	1.078	.6360-01	.1790-01	-3.641	-.4900-02
29	6.0000	.10000+00	7.0000	138.4	1.204	.7110-01	.4670-01	-3.613	-.1290-01
29	7.0000	.17000	17.000	770.8	6.702	.3957	1.309	-2.350	-.5570
29	7.0000	.18000	18.000	589.9	5.129	.3028	.9479	-2.711	-.3496

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RGIB11)

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
29	7.0000	.20000	19.000	216.9	1.886	.1114	.2034	-3.456	-.5890-01
29	8.0000	.83000	46.000	166.7	1.449	.8560-01	.1032	-3.556	-.2900-01
29	9.0000	.85000	52.000	75.59	.6572	.3880-01	-.7870-01	-3.738	.2110-01
29	10.000	.79000	42.000	96.65	.8403	.4960-01	-.3670-01	-3.696	.9900-02
29	10.000	.79500	43.000	97.69	.8493	.5010-01	-.3460-01	-3.694	.9400-02
29	10.000	.81000	44.000	97.31	.8460	.4990-01	-.3540-01	-3.695	.9600-02
29	10.000	.83000	45.000	111.4	.9687	.5720-01	-.7200-02	-3.667	.2000-02
29	10.000	.84000	51.000	89.22	.7757	.4580-01	-.5150-01	-3.711	.1390-01
29	10.000	.86000	53.000	109.6	.9531	.5630-01	-.1080-01	-3.670	.2900-02
29	10.000	.87500	50.000	71.73	.6236	.3600-01	-.8640-01	-3.746	.2310-01
29	11.000	.85000	54.000	86.03	.7479	.4420-01	-.5790-01	-3.717	.1560-01
29	12.000	.87500	49.000	62.33	.5419	.3200-01	-.1052	-3.764	.2790-01
29	13.000	.83000	47.000	91.39	.7945	.4690-01	-.4720-01	-3.706	.1270-01
29	14.000	.83500	48.000	89.88	.7814	.4610-01	-.5020-01	-3.710	.1350-01
29	15.000	.91000	35.000	95.20	.8277	.4890-01	-.3960-01	-3.699	.1070-01
29	15.000	.70000	25.000	113.4	.5811	.3430-01	-.9620-01	-3.755	.2560-01
29	16.000	.85000	29.000	138.4	1.204	.5820.01	-.3200-02	-3.662	.9000-03
29	16.000	.99100	40.000	154.0	1.339	.7110-01	.4670-01	-3.613	-.1290-01
29	17.000	.99000	39.000	127.3	1.107	.6530-01	.2450-01	-3.635	-.6700-02
29	18.000	.25000	21.000	121.2	1.054	.6220-01	.1240-01	-3.647	-.3400-02
29	18.000	.50000	23.000	115.0	.9999	.5900-01	.0000	-3.659	.0000
29	18.000	.85000	28.000	192.0	1.669	.9860-01	.1537	-3.506	-.4380-01
29	18.000	.98300	38.000	117.1	1.018	.6010-01	.4200-02	-3.655	-.1200-02
29	19.000	.85000	32.000	80.43	.6993	.4130-01	-.6900-01	-3.728	.1850-01
29	20.000	.85000	31.000	96.31	.8373	.4940-01	-.3740-01	-3.697	.1010-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-5.050	1.975	2454.	67.91	424.7	240.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
26	1.0000	.00000	1.0000	780.2	11.49	.3180	1.677	-3.940	-.4256
26	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
26	1.0000	.75000-01	5.0000	251.9	3.710	.1027	.4333	-5.184	-.8360-01
26	1.0000	.15000	13.000	308.5	4.543	.1257	.5665	-5.051	-.1122
26	1.0000	.16000	15.000	7.771	7.771	.2151	1.083	-4.535	-.2387
26	1.0000	.18000	16.000	624.5	9.136	.2545	1.310	-4.307	-.3043
26	1.0000	.22000	20.000	60.72	.8941	.2470-01	-.1690-01	-5.635	.3000-02
26	1.0000	.50000	22.000	78.64	1.158	.3200-01	.2530-01	-5.592	-.4500-02
26	1.0000	.80000	26.000	87.13	1.283	.3550-01	.4520-01	-5.572	-.6100-02
26	2.0000	.00000	1.0000	780.2	11.49	.3180	1.677	-3.940	-.4256
26	2.0000	.25000-01	3.0000	157.4	2.718	.6410-01	.2107	-5.407	-.3900-01
26	2.0000	.50000-01	4.0000	104.7	1.542	.4270-01	.8670-01	-5.531	-.1570-01
26	2.0000	.75000-01	6.0000	83.67	1.232	.3410-01	.3710-01	-5.581	-.6600-02
26	2.0000	.10000+00	11.000	71.01	1.046	.2890-01	.7300-02	-5.610	-.1300-02
26	2.0000	.12500	12.000	62.37	.9184	.2540-01	-.1300-01	-5.631	.2300-02
26	2.0000	.15000	14.000	60.01	.8837	.2450-01	-.1860-01	-5.636	.3300-02
26	2.0000	.50000	24.000	61.82	.9103	.2520-01	-.1430-01	-5.632	.2500-02
26	2.0000	.80000	27.000	59.85	.8814	.2440-01	-.1900-01	-5.637	.3400-02
26	2.0000	.85000	30.000	60.80	.8953	.2480-01	-.1670-01	-5.634	.3000-02
26	2.0000	.90000	36.000	47.51	.6997	.1940-01	-.4800-01	-5.666	.8500-02
26	2.0000	.95000	37.000	40.68	.5990	.1660-01	-.6410-01	-5.682	.1130-01
26	3.0000	.10000+00	10.000	70.94	1.045	.2890-01	.7100-02	-5.610	-.1300-02
26	4.0000	.10000+00	9.0000	72.82	1.072	.2970-01	.1160-01	-5.606	-.2100-02
26	5.0000	.10000+00	8.0000	75.34	1.109	.3070-01	.1750-01	-5.600	-.3100-02
26	6.0000	.10000+00	7.0000	85.87	1.265	.3500-01	.4230-01	-5.575	-.7600-02
26	7.0000	.17000	17.000	609.5	8.976	.2484	1.275	-4.342	-.2937
26	7.0000	.18000	18.000	446.3	6.572	.1819	.8910	-4.727	-.1885

IHI1 INTEGRATED VEHICLE PRESSURE DATA

(RGIB11)

IHI1, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I/P	P(I/PO	CP(I)	CP(SI)	CPI/SI
26	7.0000	.20000	19.000	158.9	2.340	.6480-01	.2142	-5.403	-.3960-01
26	8.0000	.83000	46.000	95.78	1.411	.3900-01	.6560-01	-5.552	-.1180-01
26	9.0000	.85000	52.000	42.36	.6237	.1730-01	.6020-01	-5.678	.1060-01
26	10.000	.79000	42.000	52.80	.7775	.2150-01	.3560-01	-5.653	.6300-02
26	10.000	.79500	43.000	53.55	.7886	.2180-01	.3380-01	-5.651	.6000-02
26	10.000	.81000	44.000	53.55	.7886	.2180-01	.3380-01	-5.651	.6000-02
26	10.000	.83000	45.000	60.04	.8841	.2450-01	.1850-01	-5.636	.3300-02
26	10.000	.84000	51.000	49.51	.7290	.2020-01	.4330-01	-5.661	.7700-02
26	10.000	.86000	53.000	60.89	.8966	.2480-01	.1650-01	-5.634	.2900-02
26	10.000	.87500	50.000	41.70	.6140	.1700-01	.6170-01	-5.679	.1090-01
26	11.000	.85000	54.000	47.15	.6944	.1920-01	.4890-01	-5.666	.8600-02
26	12.000	.87500	49.000	35.40	.5212	.1440-01	.7660-01	-5.694	.1340-01
26	13.000	.83000	47.000	50.45	.7429	.2060-01	.4110-01	-5.659	.7300-02
26	14.000	.83500	48.000	49.04	.7221	.2000-01	.4440-01	-5.662	.7800-02
26	15.000	.91000	35.000	54.35	.8004	.2220-01	.3190-01	-5.650	.5700-02
26	15.000	.99100	41.000	38.12	.5614	.1550-01	.7010-01	-5.688	.1230-01
26	16.000	.70000	25.000	65.43	.9636	.2670-01	.5800-02	-5.623	.1000-02
26	16.000	.85000	29.000	81.00	1.193	.3300-01	.3080-01	-5.587	-.5500-02
26	16.000	.99100	40.000	98.89	1.456	.4030-01	.7290-01	-5.545	-.1320-01
26	17.000	.99000	39.000	82.33	1.212	.3660-01	.3400-01	-5.584	-.6100-02
26	18.000	.25000	21.000	76.59	1.128	.3120-01	.2050-01	-5.597	-.3700-02
26	18.000	.50000	23.000	68.89	1.015	.2810-01	.2300-02	-5.615	-.4000-03
26	18.000	.85000	28.000	121.9	1.794	.4970-01	.1270	-5.490	-.2310-01
26	18.000	.98300	38.000	76.99	1.134	.3140-01	.2140-01	-5.596	-.3800-02
26	19.000	.85000	32.000	49.95	.7356	.2040-01	.4230-01	-5.660	.7500-02
26	20.000	.85000	31.000	53.41	.7865	.2180-01	.3410-01	-5.652	.6000-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-.6176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
26	1.0000	.00000	1.0000	780.9	11.51	.3184	1.680	-3.938	-.4266
26	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
26	1.0000	.75000-01	5.0000	202.0	2.977	.8240-01	.3161	-5.302	-.5960-01
26	1.0000	.15000	13.0000	239.7	3.532	.9770-01	.4048	-5.213	-.7770-01
26	1.0000	.16000	15.0000	438.2	6.456	.1787	.8724	-4.745	-.1838
26	1.0000	.18000	16.0000	532.7	7.848	.2172	1.095	-4.523	-.2421
26	1.0000	.22000	20.0000	48.33	.7121	.1970-01	.4600-01	-5.664	.8100-02
26	1.0000	.50000	22.0000	59.51	.8768	.2430-01	-.1970-01	-5.637	.3500-02
26	1.0000	.80000	26.0000	73.61	1.084	.3000-01	.1350-01	-5.604	-.2400-02
26	2.0000	.00000	1.0000	780.9	11.51	.3184	1.680	-3.938	-.4266
26	2.0000	.25000-01	3.0000	197.9	2.916	.8070-01	.3063	-5.312	-.5770-01
26	2.0000	.50000-01	4.0000	133.1	1.962	.5430-01	.1538	-5.464	-.2810-01
26	2.0000	.75000-01	6.0000	106.1	1.564	.4330-01	.9010-01	-5.529	-.1630-01
26	2.0000	.10000+00	11.0000	89.59	1.320	.3650-01	.5120-01	-5.567	-.9200-02
26	2.0000	.12500	12.0000	77.47	1.141	.3160-01	.2260-01	-5.595	-.4000-02
26	2.0000	.15000	14.0000	72.66	1.071	.2960-01	.1130-01	-5.607	-.2000-02
26	2.0000	.50000	24.0000	70.93	1.045	.2690-01	.7200-02	-5.610	-.1300-02
26	2.0000	.80000	27.0000	67.94	1.001	.2770-01	.2000-03	-5.618	.0000
26	2.0000	.85000	30.0000	69.20	1.020	.2820-01	.3100-02	-5.615	-.6000-03
26	2.0000	.90000	36.0000	58.41	.8606	.2380-01	-.2230-01	-5.640	.4000-02
26	2.0000	.95000	37.0000	47.30	.6970	.1930-01	-.4850-01	-5.666	.8600-02
26	3.0000	.10000+00	10.0000	90.62	1.335	.3700-01	.5360-01	-5.564	-.9600-02
26	4.0000	.10000+00	9.0000	93.53	1.378	.3810-01	.6050-01	-5.557	-.1090-01
26	5.0000	.10000+00	8.0000	95.97	1.414	.3910-01	.6620-01	-5.552	-.1190-01
26	6.0000	.10000+00	7.0000	108.9	1.604	.4440-01	.9660-01	-5.521	-.1750-01
26	6.0000	.17000	17.0000	515.4	7.594	.2102	1.054	-4.563	-.2311
26	7.0000	.18000	18.0000	385.8	5.684	.1573	.7490	-4.869	-.1538

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
26	7.0000	.20000	19.000	138.1	2.035	.5630-01	.1655	-5.452	-.3030-01
26	8.0000	.83000	46.000	112.5	1.657	.4590-01	.1050	-5.513	-.1910-01
26	9.0000	.85000	52.000	53.48	.7880	.2180-01	-.3390-01	-5.652	.6000-02
26	10.000	.79000	42.000	63.94	.9421	.2610-01	-.9300-02	-5.627	.1600-02
26	10.000	.79500	43.000	65.07	.9587	.2650-01	-.6800-02	-5.624	.1200-02
26	10.000	.81000	44.000	64.97	.9573	.2650-01	-.6800-02	-5.625	.1200-02
26	10.000	.83000	45.000	72.13	1.063	.2940-01	-.1000-01	-5.608	-.1800-02
26	10.000	.84000	51.000	57.62	.8490	.2350-01	-.2410-01	-5.642	.4300-02
26	10.000	.86000	53.000	80.33	1.184	.3280-01	.2940-01	-5.588	-.5300-02
26	10.000	.87500	50.000	44.81	.6602	.1830-01	-.5430-01	-5.672	.9600-02
26	10.000	.85000	54.000	63.18	.9309	.2580-01	-.1100-01	-5.629	.2000-02
26	12.000	.87500	49.000	46.69	.6880	.1900-01	-.4990-01	-5.668	.8800-02
26	13.000	.83000	47.000	63.28	.9323	.2580-01	-.1080-01	-5.629	.1900-02
26	14.000	.83500	48.000	62.15	.9157	.2530-01	-.1350-01	-5.631	.2400-02
26	15.000	.91000	35.000	63.05	.9291	.2570-01	-.1130-01	-5.629	.2000-02
26	16.000	.70000	41.000	36.42	.5367	.1490-01	-.7410-01	-5.692	.1300-01
26	16.000	.85000	25.000	52.19	.7689	.2130-01	-.3690-01	-5.655	.6500-02
26	16.000	.99100	29.000	59.75	.8803	.2440-01	-.1910-01	-5.637	.3400-02
26	16.000	.99100	40.000	64.97	.9573	.2650-01	-.6800-02	-5.625	.1200-02
26	17.000	.99000	39.000	57.91	.8532	.2360-01	-.2350-01	-5.641	.4200-02
26	18.000	.25000	21.000	74.32	1.095	.3030-01	.1520-01	-5.603	-.2700-02
26	18.000	.50000	23.000	62.27	.9174	.2540-01	-.1320-01	-5.631	.2300-02
26	18.000	.85000	28.000	83.69	1.233	.3410-01	.3730-01	-5.581	-.6700-02
26	18.000	.98300	38.000	69.43	1.023	.2830-01	.3700-02	-5.614	-.7000-03
26	19.000	.85000	32.000	58.17	.8571	.2370-01	-.2280-01	-5.641	-.4100-02
26	20.000	.85000	31.000	64.55	.9511	.2630-01	-.7800-02	-5.626	.1400-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0. ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/F0	CP(I)	CP(SI)	CP1/SI
26	1.0000	.00000	1.0000	778.9	11.48	.3177	1.676	-3.942	-.4251
26	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
26	1.0000	.75000-01	5.0000	163.5	2.409	.6670-01	.2253	-5.392	-.4180-01
26	1.0000	1.5000	13.000	188.2	2.773	.7570-01	.2835	-5.334	-.5310-01
26	1.0000	.16000	15.000	356.2	5.249	.1453	.6795	-4.938	-.1376
26	1.0000	.18000	16.000	440.5	6.432	.1797	.8781	-4.740	-.1853
26	1.0000	.22000	20.000	39.62	.5839	.1620-01	-.6650-01	-5.684	-.1170-01
26	1.0000	.50000	22.000	49.14	.7241	.2000-01	-.4410-01	-5.662	-.7800-02
26	1.0000	.80000	26.000	70.92	1.045	.2890-01	.7200-02	-5.610	-.1300-02
26	2.0000	.00000	1.0000	778.9	11.48	.3177	1.676	-3.942	-.4251
26	2.0000	.25000-01	3.0000	249.4	3.676	.1017	4.278	-5.190	-.8240-01
26	2.0000	.50000-01	4.0000	171.8	2.532	.7010-01	.2449	-5.373	-.4560-01
26	2.0000	.75000-01	6.0000	138.9	2.048	.5670-01	.1675	-5.450	-.3070-01
26	2.0000	1.0000*00	11.000	117.9	1.738	.4810-01	.1180	-5.500	-.2150-01
26	2.0000	.12500	12.000	102.6	1.512	.4180-01	.8190-01	-5.536	-.1480-01
26	2.0000	.15000	14.000	94.82	1.397	.3870-01	.6350-01	-5.554	-.1140-01
26	2.0000	.50000	24.000	85.46	1.259	.3490-01	.4150-01	-5.576	-.7400-02
26	2.0000	.80000	27.000	85.78	1.264	.3500-01	.4220-01	-5.576	-.7600-02
26	2.0000	.95000	30.000	89.79	1.323	.3660-01	.5170-01	-5.566	-.9300-02
26	2.0000	1.0000	36.000	71.62	1.056	.2920-01	.8900-02	-5.609	-.1600-02
26	3.0000	.95000	37.000	57.39	.8458	.2340-01	-.2470-01	-5.642	-.4400-02
26	3.0000	1.0000*00	10.000	119.7	1.764	.4880-01	.1221	-5.496	-.2220-01
26	4.0000	1.0000*00	9.0000	122.9	1.811	.5010-01	.1297	-5.488	-.2360-01
26	5.0000	1.0000*00	8.0000	125.1	1.844	.5100-01	.1349	-5.483	-.2460-01
26	6.0000	1.0000*00	7.0000	136.3	2.008	.5560-01	.1612	-5.456	-.2950-01
26	7.0000	1.7000	17.000	423.3	6.239	.8377	.6128	-4.780	-.1753
26	7.0000	.18000	18.000	327.9	4.832	.1337	.6128	-5.005	-.1224

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
26	7.0000	.20000	19.000	121.6	1.791	.4960-01	.1265	-5.491	-.2300-01
26	8.0000	.83000	46.000	142.2	2.095	.5800-01	.1751	-5.443	-.3220-01
26	9.0000	.85000	52.000	69.67	1.027	.2840-01	.4300-02	-5.613	-.8000-03
26	10.0000	.79000	42.000	82.09	1.210	.3350-01	.3350-01	-5.584	-.6000-02
26	10.0000	.79500	43.000	83.31	1.228	.3400-01	.3640-01	-5.581	-.6500-02
26	10.0000	.81000	44.000	83.31	1.228	.3400-01	.3640-01	-5.581	-.6500-02
26	10.0000	.83000	45.000	94.31	1.390	.3850-01	.6230-01	-5.555	-.1120-01
26	10.0000	.84000	51.000	75.60	1.114	.3080-01	.1820-01	-5.599	-.3300-02
26	10.0000	.86000	53.000	103.4	1.524	.4220-01	.8380-01	-5.534	-.1510-01
26	10.0000	.87500	50.000	55.00	.8106	.2240-01	-.3030-01	-5.648	.5400-02
26	11.0000	.85000	54.000	83.59	1.232	.3410-01	.3710-01	-5.581	-.6600-02
26	12.0000	.87500	49.000	63.56	.9367	.2590-01	-.1010-01	-5.628	.1800-02
26	13.0000	.83000	47.000	82.84	1.221	.3380-01	.3530-01	-5.582	-.6300-02
26	14.0000	.83500	48.000	82.09	1.210	.3350-01	.3350-01	-5.584	-.6000-02
26	15.0000	.91000	35.000	63.45	.9350	.2590-01	-.1040-01	-5.628	.1800-02
26	16.0000	.70000	25.000	42.61	.6279	.1740-01	-.5950-01	-5.677	.1050-01
26	16.0000	.85000	29.000	39.94	.5885	.1630-01	-.6580-01	-5.683	.1160-01
26	16.0000	.99100	40.000	49.45	.7288	.2020-01	.4340-01	-5.661	.7700-02
26	17.0000	.99000	39.000	49.64	.7316	.2020-01	-.4290-01	-5.661	.7600-02
26	18.0000	.25000	21.000	70.29	1.036	.2870-01	.5700-02	-5.612	-.1000-02
26	18.0000	.50000	23.000	60.38	.8898	.2460-01	-.1760-01	-5.635	.3100-02
26	18.0000	.85000	28.000	74.61	1.100	.3040-01	.1590-01	-5.602	-.2800-02
26	18.0000	.98300	38.000	53.54	.7890	.2180-01	-.3370-01	-5.651	.6000-02
26	19.0000	.85000	32.000	71.62	1.056	.2920-01	.6900-02	-5.609	-.1600-02
26	20.0000	.85000	31.000	83.34	1.228	.3400-01	.3650-01	-5.581	-.6500-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO.	CP(I)	CP(SI)	CP(SI)	CP(SI)
23	1.0000	.00000	1.0000	717.1	15.98	.2063	1.736	-7.127	-7.127	-2436
23	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0	999.0
23	1.0000	.75000-01	5.0000	130.3	2.904	3750-01	.2206	-8.643	-8.643	-2550-01
23	1.0000	.15000	13.000	135.8	3.027	.7910-01	.2348	-8.629	-8.629	-2720-01
23	1.0000	.16000	15.000	296.3	6.606	.E520-01	.6496	-8.214	-8.214	-7910-01
23	1.0000	.18000	16.000	392.5	8.750	.1129	.8981	-7.965	-7.965	-1127
23	1.0000	.22000	20.000	31.49	.7018	.9100-02	-.3460-01	-8.898	-8.898	3900-02
23	1.0000	.50000	22.000	32.51	.7246	.9400-02	-.3190-01	-8.895	-8.895	3600-02
23	1.0000	.80000	26.000	44.30	.9874	.1270-01	-.1500-02	-8.865	-8.865	2000-03
23	2.0000	.00000	1.0000	717.1	15.98	.2063	1.736	-7.127	-7.127	-2436
23	2.0000	.25000-01	3.0000	213.7	4.763	.6150-01	.4360	-8.427	-8.427	-5170-01
23	2.0000	.50000-01	4.0000	143.6	3.202	.4130-01	.2551	-8.608	-8.608	-2960-01
23	2.0000	.75000-01	6.0000	113.0	2.519	.3250-01	1.760	-8.687	-8.687	-2030-01
23	2.0000	.10000+00	11.000	93.97	2.095	.2700-01	1.268	-8.737	-8.737	-1450-01
23	2.0000	.12500	12.000	79.90	1.781	.2300-01	.9050-01	-8.773	-8.773	-1030-01
23	2.0000	.15000	14.000	72.75	1.622	.2090-01	.7200-01	-8.791	-8.791	-8200-02
23	2.0000	.50000	24.000	61.43	1.369	.1770-01	.4280-01	-8.821	-8.821	-4900-02
23	2.0000	.80000	27.000	60.25	1.343	.1730-01	.3970-01	-8.824	-8.824	-4500-02
23	2.0000	.85000	30.000	64.65	1.441	.1850-01	.5110-01	-8.812	-8.812	-5800-02
23	2.0000	.90000	36.000	49.33	1.100	.1420-01	.1150-01	-8.852	-8.852	-1300-02
23	2.0000	.95000	37.000	39.82	.8875	.1150-01	-.1300-01	-8.876	-8.876	1500-02
23	3.0000	.10000+00	10.000	94.68	2.110	.2720-01	.1287	-8.735	-8.735	-1470-01
23	4.0000	.10000+00	9.0000	97.27	2.168	.2800-01	.1354	-8.728	-8.728	-1550-01
23	5.0000	.10000+00	8.0000	99.31	2.214	.2860-01	.1406	-8.723	-8.723	-1610-01
23	6.0000	.10000+00	7.0000	107.2	2.369	.3080-01	.1609	-8.702	-8.702	-1850-01
23	7.0000	.17000	17.000	365.6	8.149	.1052	.8284	-8.035	-8.035	-1031
23	7.0000	.18000	18.000	270.8	6.036	.7790-01	.5836	-8.280	-8.280	-7050-01

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
23	7.0000	.20000	19.000	97.43	2.172	.2800-01	.1358	-8.728	-.1560-01
23	8.0000	.83000	46.000	102.4	2.283	.2950-01	.1487	-8.715	-.1710-01
23	9.0000	.85000	52.000	45.59	1.016	.1310-01	.1900-02	-8.862	-.2000-03
23	10.000	.79000	42.000	55.09	1.228	.1580-01	.2640-01	-8.837	-.3000-02
23	10.000	.79500	43.000	55.94	1.247	.1610-01	.2860-01	-8.835	-.3200-02
23	10.000	.81000	44.000	56.03	1.249	.1610-01	.2880-01	-8.835	-.3300-02
23	10.000	.83000	45.000	61.49	1.371	.1770-01	.4290-01	-8.821	-.4900-02
23	10.000	.84000	51.000	51.23	1.142	.1470-01	.1650-01	-8.847	-.1900-02
23	10.000	.86000	53.000	70.33	1.568	.2020-01	.6590-01	-8.798	-.7500-02
23	10.000	.87500	50.000	43.61	.9721	.1250-01	.3200-02	-8.867	-.4000-03
23	11.000	.85000	54.000	54.43	1.213	.1570-01	.2470-01	-8.839	-.2800-02
23	12.000	.87500	49.000	55.56	.9616	.1240-01	.4400-02	-8.868	-.5000-03
23	13.000	.83000	47.000	54.81	1.222	.1600-01	.2760-01	-8.836	-.3100-02
23	14.000	.91000	48.000	41.00	.9138	.1580-01	.2570-01	-8.838	-.2900-02
23	15.000	.70000	41.000	34.11	.7603	.9800-02	.2780-01	-8.891	.1100-02
23	16.000	.85000	29.000	29.52	.6580	.8500-02	.3960-01	-8.903	.4500-02
23	16.000	.99100	40.000	32.32	.7205	.7600-02	.4790-01	-8.911	.5400-02
23	17.000	.99000	39.000	35.80	.7981	.9300-02	.3240-01	-8.896	.3600-02
23	18.000	.25000	21.000	49.48	1.103	.1030-01	.2340-01	-8.887	.2600-02
23	18.000	.50000	23.000	40.05	.8928	.1420-01	.1190-01	-8.852	-.1300-02
23	18.000	.85000	28.000	52.08	1.161	.1150-01	.1240-01	-8.876	.1400-02
23	18.000	.98300	38.000	37.93	.8455	.1500-01	.1860-01	-8.881	-.2100-02
23	19.000	.85000	32.000	53.49	1.192	.1090-01	.1790-01	-8.881	-.2000-02
23	20.000	.85000	31.000	56.95	1.269	.1540-01	.2230-01	-8.841	-.2500-02
						.1640-01	.3120-01	-8.832	-.3500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, ORBITER FUSELAGE

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ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-.7372-01	1.825	3478.	44.89	387.4	212.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
23	1.0000	.00000	1.0000	726.0	16.17	.2087	1.758	-7.105	-.2475
23	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
23	1.0000	.75000-01	5.0000	169.5	3.775	4870-01	.3216	-8.541	-.3770-01
23	1.0000	.15000	13.000	183.4	4.085	.5270-01	.3575	-8.505	-.4200-01
23	1.0000	.16000	15.000	388.5	8.655	.1117	.8871	-7.976	-.1112
23	1.0000	.18000	16.000	498.3	11.10	.1432	1.170	-7.693	-.1521
23	1.0000	.22000	20.000	41.27	.9193	.1190-01	-.9300-02	-8.872	.1100-02
23	1.0000	.50000	22.000	41.98	.9351	.1210-01	-.7500-02	-8.870	.8000-03
23	1.0000	.80000	26.000	48.66	1.084	.1400-01	.9700-02	-8.853	-.1100-02
23	2.0000	.00000	1.0000	726.0	16.17	.2087	1.758	-7.105	-.2475
23	2.0000	.25000-01	3.0000	169.2	3.770	4870-01	.3210	-8.542	-.3760-01
23	2.0000	.50000-01	4.0000	109.6	2.442	.3150-01	.1671	-8.696	-.1920-01
23	2.0000	.75000-01	6.0000	85.08	1.895	.2450-01	.1037	-8.759	-.180-01
23	2.0000	.10000+00	11.000	70.37	1.568	.2020-01	.5580-01	-8.797	-.7500-02
23	2.0000	.12500	12.000	60.07	1.338	.1730-01	.3920-01	-8.824	-.4400-02
23	2.0000	.15000	14.000	55.66	1.240	.1600-01	.2780-01	-8.835	-.3100-02
23	2.0000	.50000	24.000	48.98	1.091	.1410-01	.1050-01	-8.852	-.1200-02
23	2.0000	.80000	27.000	46.07	1.026	.1320-01	.3000-02	-8.860	-.3000-03
23	2.0000	.85000	30.000	47.56	1.059	.1370-01	.6900-02	-8.856	-.8000-03
23	2.0000	.90000	36.000	38.67	.8615	.1110-01	-.1600-01	-8.879	-.1800-02
23	2.0000	.95000	37.000	31.75	.7073	.9100-02	-.3390-01	-8.897	-.3800-02
23	3.0000	.10000+00	10.000	70.77	1.576	.2030-01	.6680-01	-8.796	-.7600-02
23	4.0000	.10000+00	9.0000	73.28	1.632	.2110-01	.7330-01	-8.790	-.8300-02
23	5.0000	.10000+00	8.0000	75.72	1.687	.2180-01	.7950-01	-8.783	-.9100-02
23	6.0000	.10000+00	7.0000	85.79	1.911	.2470-01	.1056	-8.757	-.1210-01
23	7.0000	.17000	17.000	471.7	10.51	.1356	1.102	-7.761	-.1420
23	7.0000	.18000	18.000	334.4	7.449	.9610-01	.7474	-8.115	-.9210-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1811)

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
23	7.0000	.20000	19.000	113.2	2.521	.3250-01	.1762	-8.687	-.2030-01
23	8.0000	.83000	46.000	73.02	1.627	.2100-01	.7260-01	-8.790	-.8300-02
23	9.0000	.85000	52.000	32.65	.7273	.9400-02	-.3160-01	-8.895	.3600-02
23	10.000	.79000	42.000	39.25	.8744	.1130-01	-.1460-01	-8.877	.1600-02
23	10.000	.79500	43.000	39.82	.8870	.1140-01	-.1310-01	-8.876	.1500-02
23	10.000	.81000	44.000	40.48	.9017	.1160-01	-.1140-01	-8.874	.1300-02
23	10.000	.83000	45.000	44.63	.9941	.1280-01	-.7000-03	-8.864	.1000-03
23	10.000	.84000	51.000	35.48	.7903	.1020-01	-.2430-01	-8.887	.2700-02
23	10.000	.86000	53.000	50.76	1.131	.1460-01	.1510-01	-8.848	-.1700-02
23	10.000	.87500	50.000	32.08	.7147	.9200-02	-.3310-01	-8.896	.3700-02
23	11.000	.85000	54.000	38.69	.8618	.1110-01	-.1600-01	-8.879	.1800-02
23	12.000	.87500	49.000	31.33	.6979	.9000-02	-.3500-01	-8.898	.3900-02
23	13.000	.83000	47.000	39.63	.8828	.1140-01	-.1360-01	-8.877	.1500-02
23	14.000	.83500	48.000	38.22	.8513	.1100-01	-.1720-01	-8.880	.1900-02
23	15.000	.91000	35.000	42.77	.9526	.1230-01	-.5500-02	-8.868	.6000-03
23	16.000	.70000	41.000	22.09	.4920	.6300-02	-.5890-01	-8.922	.6600-02
23	16.000	.85000	29.000	34.82	.7757	.1000-01	-.2600-01	-8.889	.2900-02
23	16.000	.99100	40.000	42.84	.9542	.1100-01	-.1730-01	-8.880	.1900-02
23	17.000	.99000	39.000	40.10	.8933	.1230-01	-.5300-02	-8.868	.6000-03
23	18.000	.25000	21.000	53.54	1.133	.1150-01	-.1240-01	-8.875	.1400-02
23	18.000	.50000	23.000	41.82	.9316	.1540-01	.2230-01	-8.841	-.2500-02
23	18.000	.85000	28.000	59.60	1.328	.1200-01	-.7900-02	-8.871	.9000-03
23	18.000	.98300	38.000	50.95	1.135	.1460-01	.3800-01	-8.825	-.4300-02
23	19.000	.85000	32.000	41.90	.9333	.1200-01	.1560-01	-8.847	-.1800-02
23	20.000	.85000	31.000	43.00	.9579	.1240-01	-.4900-02	-8.868	.6000-03

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1B11)

IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-5.054	1.824	3478.	44.89	387.3	212.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/SI
23	1.0000	.00000	1.0000	730.5	16.27	.2100	1.770	-7.092	-.2496
23	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
23	1.0000	.75000-01	5.0000	219.3	4.886	.6310-01	4.503	-8.412	-.5350-01
23	1.0000	.15000	13.000	243.1	5.416	.6990-01	5.118	-8.351	-.6130-01
23	1.0000	.16000	15.000	489.0	10.89	.1406	1.147	-7.716	-.1486
23	1.0000	.18000	16.000	607.6	13.54	.1747	1.453	-7.410	-.1960
23	1.0000	.22000	20.000	52.88	1.178	.1520-01	.2060-01	-8.842	-.2300-0E
23	1.0000	.50000	22.000	58.94	1.313	.1690-01	.3630-01	-8.826	-.4100-02
23	1.0000	.80000	26.000	49.27	1.098	.1420-01	.1130-01	-8.851	-.1300-02
23	2.0000	.00000	1.0000	730.5	16.27	.2100	1.770	-7.092	-.2496
23	2.0000	.25000-01	3.0000	133.4	2.972	.3840-01	.2285	-8.634	-.2650-01
23	2.0000	.50000-01	4.0000	84.97	1.893	.2440-01	.1035	-8.759	-.1180-01
23	2.0000	.75000-01	6.0000	66.33	1.478	.1910-01	.5540-01	-8.807	-.6300-02
23	2.0000	.10000+00	11.000	55.01	1.226	.1580-01	.2610-01	-8.836	-.3000-02
23	2.0000	.12500	12.000	47.14	1.050	.1360-01	.5800-02	-8.857	-.7000-03
23	2.0000	.15000	14.000	45.89	1.022	.1320-01	.2600-02	-8.860	-.3000-03
23	2.0000	.50000	24.000	40.85	.9101	.1170-01	.1040-01	-8.873	.1200-02
23	2.0000	.85000	27.000	38.81	.8646	.1120-01	.1570-01	-8.878	.1800-02
23	2.0000	.90000	30.000	40.85	.9101	.1170-01	.1040-01	-8.873	.1200-02
23	2.0000	.95000	36.000	30.24	.6736	.8700-02	.3780-01	-8.900	.4300-02
23	3.0000	.10000+00	37.000	25.36	.5650	.7300-02	.5040-01	-8.913	.5700-02
23	3.0000	.10000+00	16.000	54.77	1.220	.1570-01	.2550-01	-8.837	-.2900-02
23	4.0000	.10000+00	9.0000	56.50	1.259	.1620-01	.3000-01	-8.832	-.3400-02
23	5.0000	.10000+00	8.0000	58.31	1.299	.1680-01	.3470-01	-8.828	-.3900-02
23	6.0000	.10000+00	7.0000	67.20	1.497	.1930-01	.5760-01	-8.805	-.6500-02
23	7.0000	.17000	17.000	575.9	12.83	.1656	1.371	-7.492	-.1830
23	7.0000	.18000	18.000	406.2	9.050	.1168	.9329	-7.930	-.1176

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(S1)	CPI/S1
23	7.000	.20000	19.000	139.1	3.098	.4000-01	.2432	-8.619	-.2820-01
23	8.000	.83000	46.000	58.62	1.306	.1690-01	.3550-01	-8.827	-.4000-02
23	9.000	.85000	52.000	26.83	.5977	.7700-02	-.4660-01	-8.909	-.5200-02
23	10.000	.79000	42.000	31.72	.7066	.9100-02	-.3400-01	-8.896	-.3800-02
23	10.000	.79500	43.000	33.04	.7360	.9500-02	-.3060-01	-8.893	-.3400-02
23	10.000	.81000	44.000	33.13	.7381	.9500-02	-.3040-01	-8.893	-.3400-02
23	10.000	.83000	45.000	36.71	.8177	.1060-01	-.2110-01	-8.884	-.2400-02
23	10.000	.84000	51.000	30.31	.6752	.8700-02	-.3760-01	-8.900	-.4200-02
23	10.000	.86000	53.000	38.49	.8575	.1110-01	-.1650-01	-8.879	-.1900-02
23	10.000	.87500	50.000	28.71	.6396	.8300-02	-.4180-01	-8.904	-.4700-02
23	11.000	.85000	54.000	29.27	.6522	.8400-02	-.4030-01	-8.903	-.4500-02
23	12.000	.87500	49.000	24.01	.5348	.6900-02	-.5390-01	-8.916	-.6000-02
23	13.000	.83000	47.000	31.53	.7025	.9100-02	-.3450-01	-8.897	-.3900-02
23	14.000	.83500	48.000	29.93	.6668	.8600-02	-.3860-01	-8.901	-.4300-02
23	15.000	.91000	35.000	34.72	.7734	.1000-01	-.2630-01	-8.889	-.3000-02
23	15.000	.99100	41.000	21.18	.4719	.6100-02	-.6120-01	-8.924	-.6900-02
23	16.000	.70000	25.000	42.98	.9574	.1240-01	-.4900-02	-8.867	-.6000-03
23	16.000	.85000	29.000	51.39	1.145	.1480-01	.1680-01	-6.846	-.1900-02
23	17.000	.99000	40.000	66.15	1.474	.1900-01	.5490-01	-8.808	-.6200-02
23	18.000	.25000	39.000	57.50	1.281	.1650-01	.3260-01	-8.830	-.3700-02
23	18.000	.50000	21.000	58.23	1.297	.1670-01	.3450-01	-8.828	-.3900-02
23	18.000	.85000	23.000	45.49	1.014	.1310-01	.1600-02	-8.861	-.2000-03
23	18.000	.85000	28.000	86.39	1.925	.2480-01	.1071	-8.755	-.1220-01
23	18.000	.98300	38.000	52.73	1.175	.1520-01	.2020-01	-8.842	-.2300-02
23	19.000	.85000	32.000	34.64	.7717	.1000-01	-.2650-01	-8.889	-.3000-02
23	20.000	.85000	31.000	34.88	.7770	.1000-01	-.2580-01	-8.888	-.2900-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP/SI
28	1.0000	.00000	1.0000	959.3	8.335	.4921	1.684	-1.975	-.8526
28	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
28	1.0000	.75000-01	5.0000	349.6	3.038	.1793	.4678	-3.192	-.1466
28	1.0000	.15000	13.000	492.3	4.277	.2525	.7525	-2.907	-.2589
28	1.0000	.16000	15.000	666.8	5.794	.3421	1.101	-2.559	-.4302
28	1.0000	.18000	16.000	736.5	6.399	.3778	1.240	-2.420	-.5123
28	1.0000	.22000	20.000	91.58	.7957	.4700-01	-.4690-01	-3.706	.1270-01
28	1.0000	.50000	22.000	119.7	1.040	.6140-01	.9200-02	-3.650	-.2500-02
28	1.0000	.80000	26.000	174.0	1.512	.8930-01	.1176	-3.542	-.3320-01
28	2.0000	.00000	1.0000	959.3	8.335	.4921	1.684	-1.975	-.8526
28	2.0000	.25000-01	3.0000	228.4	1.984	1.171	.2260	-3.433	-.6580-01
28	2.0000	.50000-01	4.0000	163.0	1.416	.8360-01	.9550-01	-3.564	-.2680-01
28	2.0000	.75000-01	6.0000	136.4	1.185	.7000-01	.4250-01	-3.617	-.1180-01
28	2.0000	.10000+00	11.000	117.5	1.021	.6030-01	.4300-02	-3.655	-.1300-02
28	2.0000	.12500	12.000	104.9	.9119	.5380-01	-.2020-01	-3.680	.5500-02
28	2.0000	.15000	14.000	98.66	.8572	.5060-01	-.3280-01	-3.692	.8900-02
28	2.0000	.50000	24.000	110.8	.9624	.5680-01	.8600-02	-3.668	.2400-02
28	2.0000	.80000	27.000	100.1	.8695	.5130-01	-.3000-01	-3.689	.8100-02
28	2.0000	.85000	30.000	107.0	.9296	.5490-01	-.1620-01	-3.676	.4400-02
28	2.0000	.90000	36.000	78.06	.6782	.4000-01	-.7390-01	-3.733	.1980-01
28	2.0000	.95000	37.000	64.22	.5580	.3290-01	-.1015	-3.761	.2700-01
28	3.0000	.10000+00	10.000	117.0	1.016	.6000-01	.3800-02	-3.656	-.1000-02
28	4.0000	.10000+00	9.0000	117.8	1.024	.6040-01	.5500-02	-3.654	-.1500-02
28	5.0000	.10000+00	8.0000	118.9	1.034	.6100-01	.7700-02	-3.652	-.2100-02
28	6.0000	.10000+00	7.0000	127.1	1.104	.6520-01	.2400-01	-3.635	-.6600-02
28	7.0000	.17000	17.000	722.9	6.281	.3708	1.213	-2.447	-.4955
28	7.0000	.18000	18.000	507.2	4.407	.2602	.7821	-2.877	-.2718

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P(I)/P	P(I)/PO	CP(I)	CP(SI)	CP1/SI
28	7.0000	.20000	19.000	180.3	1.567	.9250-01	.1302	-3.529	-.3690-01
28	8.0000	.83000	46.000	160.6	1.395	.8240-01	.9070-01	-3.569	-.2540-01
28	9.0000	.85000	52.000	75.58	.6567	.3880-01	-.7880-01	-3.738	.2110-01
28	10.0000	.79000	42.000	98.17	.8530	.5040-01	-.3380-01	-3.693	.9100-02
28	10.0000	.79500	43.000	98.64	.8571	.5060-01	-.3280-01	-3.692	.8900-02
28	10.0000	.81000	44.000	97.98	.8514	.5030-01	-.3410-01	-3.694	.9200-02
28	10.0000	.83000	45.000	115.2	1.001	.5910-01	.2000-03	-3.659	-.1000-03
28	10.0000	.84000	51.000	96.48	.8383	.4950-01	-.3710-01	-3.697	.1000-01
28	10.0000	.86000	53.000	107.3	.9323	.5500-01	-.1550-01	-3.675	.4200-02
28	10.0000	.87500	50.000	43.87	.3811	.2250-01	-.1421	-3.801	.3740-01
28	11.0000	.85000	54.000	96.57	.8391	.4950-01	-.3690-01	-3.696	.1000-01
28	12.0000	.87500	49.000	65.70	.5709	.3370-01	-.9850-01	-3.758	.2620-01
28	13.0000	.83000	47.000	95.25	.8276	.4890-01	-.3960-01	-3.699	.1070-01
28	14.0000	.83500	48.000	93.56	.8129	.4800-01	-.4300-01	-3.702	.1160-01
28	15.0000	.91000	35.000	97.56	.8476	.5000-01	-.3500-01	-3.694	.9500-02
28	15.0000	.99100	41.000	61.84	.5373	.3170-01	-.1062	-3.766	.2820-01
28	16.0000	.70000	25.000	107.1	.9303	.5490-01	-.1600-01	-3.675	.4400-02
28	16.0000	.85000	29.000	124.9	1.085	.6410-01	.1960-01	-3.640	-.5400-02
28	16.0000	.99100	40.000	148.5	1.290	.7620-01	.6670-01	-3.593	-.1860-01
28	17.0000	.99000	39.000	111.1	.9650	.5700-01	-.8000-02	-3.667	.2200-02
28	18.0000	.25000	21.000	94.80	.8237	.4860-01	-.4050-01	-3.700	.1090-01
28	18.0000	.50000	23.000	96.77	.8408	.4960-01	-.3650-01	-3.696	.9900-02
28	18.0000	.85000	28.000	181.9	1.581	.9330-01	.1333	-3.526	-.3780-01
28	18.0000	.98300	38.000	98.58	.8565	.5060-01	-.3290-01	-3.692	.8900-02
28	19.0000	.85000	32.000	77.82	.6762	.3990-01	-.7430-01	-3.734	.1990-01
28	20.0000	.85000	31.000	99.21	.8620	.5090-01	-.3170-01	-3.691	.8600-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP/SI
28	1.0000	.00000	1.0000	964.9	8.389	.4953	1.697	-1.963	-.8643
28	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
28	1.0000	.75000-01	5.0000	290.1	2.522	.1489	.3495	-3.310	-.1056
28	1.0000	.15000	13.000	778.3	3.289	.1942	.5255	-3.134	-.1677
28	1.0000	.16000	15.000	573.1	4.983	.2342	.9144	-2.745	-.3331
28	1.0000	.18000	16.000	646.0	5.616	.3316	1.060	-2.600	-.4077
28	1.0000	.22000	20.000	71.33	.6201	.3660-01	-.8720-01	-3.747	.2330-01
28	1.0000	.50000	22.000	97.68	.8492	.5010-01	-.3460-01	-3.694	.9400-02
28	1.0000	.80000	26.000	178.4	1.551	.9160-01	1.264	-3.533	-.3580-01
28	2.0000	.00000	1.0000	964.9	8.389	.4953	1.637	-1.963	-.8643
28	2.0000	.25000-01	3.0000	279.9	2.433	.1437	.3291	-3.330	-.9880-01
28	2.0000	.50000-01	4.0000	199.4	1.733	.1023	.1684	-3.491	-.4820-01
28	2.0000	.75000-01	6.0000	167.0	1.452	.8570-01	.1038	-3.555	-.2920-01
28	2.0000	.10000+00	11.000	144.7	1.258	.7430-01	.5920-01	-3.600	-.1650-01
28	2.0000	.12500	12.000	128.9	1.121	.6620-01	.2770-01	-3.632	-.7600-02
28	2.0000	.15000	14.000	121.3	1.054	.6220-01	.1250-01	-3.647	-.3400-02
28	2.0000	.50000	24.000	123.5	1.073	.6340-01	.1690-01	-3.643	-.4600-02
28	2.0000	.80000	27.000	114.5	.9955	.5880-01	-.1000-02	-3.660	-.3000-03
28	2.0000	.85000	30.000	120.3	1.046	.6180-01	1.060-01	-3.649	-.2900-02
28	2.0000	.90000	36.000	95.32	.8287	.4890-01	-.3930-01	-3.699	.1060-01
28	2.0000	.95000	37.000	77.07	.6700	.3960-01	-.7560-01	-3.735	.2030-01
28	3.0000	.10000+00	10.000	142.8	1.242	.7330-01	.5550-01	-3.604	-.1540-01
28	4.0000	.10000+00	9.0000	142.5	1.239	.7310-01	.5490-01	-3.604	-.1520-01
28	5.0000	.10000+00	8.0000	143.2	1.245	.7350-01	.5630-01	-3.603	-.1560-01
28	6.0000	.10000+00	7.0000	151.4	1.316	.7770-01	.7260-01	-3.587	-.2020-01
28	7.0000	.17000	17.000	619.9	5.389	.3182	1.008	-2.652	-.3801
28	7.0000	.18000	18.000	435.2	3.783	.2234	.6390	-3.020	-.2116

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE									
RUN NUMBER	RAY	X/LREF	TAP NO	P(I) P-SFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
28	7.0000	.20000	19.000	155.5	1.352	.7980-01	.8080-01	-3.579	-.2250-01
28	8.0000	.83000	46.000	184.1	1.601	.9450-01	.1379	-3.521	-.3920-01
28	9.0000	.85000	52.070	88.51	.7695	.4540-01	.5290-01	-3.712	.1430-01
28	10.000	.79000	42.000	112.5	.9781	.5770-01	.5000-02	-3.664	.1400-02
28	10.000	.79500	43.000	113.5	.9871	.5830-01	.3000-02	-3.662	.8000-03
28	10.000	.81000	44.000	113.4	.9863	.5820-01	.3200-02	-3.662	.9000-03
28	10.000	.83000	45.000	137.4	1.194	.7050-01	.4460-01	-3.615	-.1230-01
28	10.000	.84000	51.000	112.6	.9769	.5780-01	.4800-02	-3.664	.1300-02
28	10.000	.86000	53.000	124.0	1.078	.6360-01	.1790-01	-3.641	-.4900-02
28	10.000	.87500	50.000	49.84	4.333	.2560-01	.1391	-3.789	.3430-01
28	11.000	.85000	54.000	113.8	.9695	.5840-01	.2400-02	-3.662	.7000-03
28	12.000	.87500	49.000	80.89	.7032	.4150-01	.6810-01	-3.727	.1830-01
28	13.000	.83000	47.000	111.9	.3724	.5740-01	.6300-02	-3.666	.1700-02
28	14.000	.83500	48.000	110.9	.9642	.5690-01	.8200-02	-3.668	.2200-02
28	15.000	.91000	35.000	108.0	.9387	.5540-01	.1410-01	-3.673	.3800-02
28	15.000	.99100	41.000	72.33	.6288	.3710-01	.8520-01	-3.745	.2280-01
28	16.000	.70000	25.000	85.96	.7473	.4410-01	.5800-01	-3.717	.1560-01
28	16.000	.85000	29.000	102.5	.8909	.5260-01	.2510-01	-3.684	.6800-02
28	16.000	.99100	40.000	109.7	.9535	.5630-01	.1070-01	-3.670	.2900-02
28	17.000	.99000	39.000	89.83	.7809	.4610-01	.5030-01	-3.710	.1360-01
28	18.000	.25000	21.000	93.27	.8109	.4790-01	.4340-01	-3.703	.1170-01
28	18.000	.50000	23.000	93.11	.8095	.4780-01	.4370-01	-3.703	.1180-01
28	18.000	.85000	28.000	160.0	1.391	.8210-01	.8970-01	-3.570	-.2510-01
28	19.000	.98300	38.000	87.06	.7569	.4470-01	.5580-01	-3.715	.1500-01
28	19.000	.85000	32.000	88.71	.7712	.4550-01	.5250-01	-3.712	.1420-01
28	20.000	.85000	31.000	118.6	1.031	.6090-01	.7100-02	-3.652	-.2000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P I/P	P I/PO	CP(I)	CP(SI)	CP I/SI
28	1.0000	.00000	1.0000	955.9	8.308	.4905	1.678	-1.982	-.8467
28	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
28	1.0000	.75000-01	5.0000	237.2	2.062	.1217	.2438	-3.416	-.7140-01
28	1.0000	.15000	13.000	293.7	2.553	.1507	.3565	-3.303	-.1079
28	1.0000	.16000	15.000	482.3	4.192	.2475	.7328	-2.927	-.2504
28	1.0000	.18000	16.000	548.8	4.770	.2816	.8656	-2.794	-.3098
28	1.0000	.22000	20.000	56.68	.4926	.2910-01	-.1165	-3.776	.3090-01
28	1.0000	.50000	22.000	82.79	.7196	.4250-01	-.6440-01	3.724	.1730-01
28	1.0000	.80000	26.000	154.5	1.343	.7930-01	.7880-01	-3.581	-.2200-01
28	2.0000	.00000	1.0000	955.9	8.308	.4905	1.678	-1.982	-.8467
28	2.0000	.25000-01	3.0000	344.6	2.995	.1768	.4580	-3.201	-.1431
28	2.0000	.50000-01	4.0000	248.9	2.163	.1277	.2670	-3.392	-.7870-01
28	2.0000	.75000-01	6.0000	208.4	1.811	.1059	.1862	-3.473	-.5360-01
28	2.0000	1.0000*00	11.000	179.2	1.558	.9200-01	.1281	-3.531	-.3630-01
28	2.0000	.12500	12.000	158.4	1.377	.8130-01	.8650-01	-3.573	-.2420-01
28	2.0000	.15000	14.000	148.2	1.288	.7600-01	.6610-01	-3.593	-.1840-01
28	2.0000	.50000	24.000	143.7	1.249	.7370-01	.5710-01	-3.602	-.1590-01
28	2.0000	.80000	27.000	136.5	1.186	.7000-01	.4270-01	-3.617	-.1180-01
28	2.0000	.85000	30.000	141.7	1.232	.7270-01	.5320-01	-3.606	-.1480-01
28	2.0000	.90000	36.000	115.7	1.005	.5940-01	.1200-02	-3.658	-.3000-03
28	2.0000	.95000	37.000	93.34	.8112	.4790-01	-.4340-01	-3.703	.1170-01
28	3.0000	.10000+00	10.000	176.6	1.535	.9060-01	.1229	-3.537	-.3470-01
28	4.0000	.10000+00	9.0000	175.1	1.522	.8990-01	.1199	-3.539	-.3390-01
28	5.0000	.10000+00	8.0000	173.6	1.509	.8910-01	.1168	-3.543	-.3300-01
28	6.0000	.10000+00	7.0000	175.9	1.528	.9020-01	.1213	-3.538	-.3430-01
28	7.0000	.17000	17.000	524.8	4.561	.2693	.8175	-2.842	-.2877
28	7.0000	.18000	18.000	373.2	3.244	.1915	.5152	-3.144	-.1639

IH11. MODEL 84-0. ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
28	7.0000	.20000	19.000	135.4	1.176	.6940-01	.4050-01	-3.619	-.1120-01
28	8.0000	.83000	46.000	215.2	1.871	.1104	.1999	-3.459	-.5780-01
28	9.0000	.85000	52.000	102.7	.8930	.5270-01	-.2460-01	-3.684	-.6700-02
28	10.000	.79000	42.000	131.6	1.144	.6750-01	.3310-01	-3.626	-.1010-01
28	10.000	.79500	43.000	133.4	1.160	.6850-01	.3670-01	-3.623	-.9900-02
28	10.000	.81000	44.000	133.1	1.156	.6830-01	.3590-01	-3.623	-.2770-01
28	10.000	.83000	45.000	164.4	1.429	.8440-01	.9850-01	-3.561	-.1010-01
28	10.000	.84000	51.000	133.3	1.159	.6840-01	.3650-01	-3.623	-.1640-01
28	10.000	.86000	53.000	144.6	1.257	.7420-01	.5900-01	-3.600	-.3030-01
28	10.000	.87500	50.000	57.84	.5027	.2970-01	-.1142	-3.773	-.1070-01
28	11.000	.85000	54.000	134.5	1.169	.6900-01	.3870-01	-3.621	-.9900-02
28	12.000	.87500	49.000	96.72	.8406	.4960-01	-.3660-01	-3.696	-.1010-01
28	13.000	.83000	47.000	133.4	1.160	.6850-01	.3670-01	-3.623	-.9400-02
28	14.000	.83500	48.000	132.1	1.148	.6780-01	.3400-01	-3.625	-.2300-02
28	15.000	.91000	35.000	110.9	.9637	.5690-01	-.8300-02	-3.668	.1370-01
28	16.000	.70000	25.000	89.57	.7784	.4600-01	-.5090-01	-3.710	.2610-01
28	16.000	.85000	29.000	65.96	.5732	.3380-01	-.9800-01	-3.757	.41 0-02
28	16.000	.99100	40.000	107.7	.9363	.5530-01	-.1460-01	-3.674	.1750-01
28	17.000	.99000	39.000	82.41	.7162	.4230-01	.6520-01	-3.725	.2050-01
28	18.000	.25000	21.000	76.76	.6671	.5340-01	-.7640-01	-3.736	.1010-01
28	18.000	.50000	23.000	96.33	.8372	.4300-01	-.3740-01	-3.697	.1680-01
28	18.000	.85000	28.000	83.74	.7278	.5450-01	-.6250-01	-3.722	.4800-02
28	18.000	.98300	38.000	106.2	.9233	.4060-01	-.1760-01	-3.677	.1920-01
28	19.000	.85000	32.000	79.18	.6881	.5220-01	-.7160-01	-3.731	.7200-02
28	20.000	.85000	31.000	140.0	.8843	.7180-01	-.2660-01	-3.686	-.1380-01
					1.217	.7180-01	.4970-01	-3.610	

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-O, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P1(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
27	1.0000	.00000	1.0000	783.7	11.54	.3195	1.686	-3.931	-.4289
27	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
27	1.0000	.75000-01	5.0000	163.0	2.402	.6650-01	.2241	-5.393	-.4160-01
27	1.0000	.15000	13.000	187.8	2.767	.7660-01	.2825	-5.335	-.5290-01
27	1.0000	.16000	15.000	364.1	5.364	.1484	.6977	-4.920	-.1418
27	1.0000	.18000	16.000	445.2	6.559	.1815	.8889	-4.729	-.1880
27	1.0000	.22000	20.000	39.19	.5774	.1600-01	-.6760-01	-5.685	-.1190-01
27	1.0000	.50000	22.000	45.25	.6666	.1840-01	-.5330-01	-5.671	-.9400-02
27	1.0000	.80000	26.000	88.89	1.309	.3620-01	.4950-01	-5.568	-.8900-02
27	2.0000	.00000	1.0000	783.7	11.54	.3195	1.686	-3.931	-.4289
27	2.0000	.25000-01	3.0000	251.7	3.708	.1026	.4331	-5.184	-.8350-01
27	2.0000	.50000-01	4.0000	174.1	2.565	.7100-01	.2503	-5.367	-.4660-01
27	2.0000	.75000-01	6.0000	140.5	2.069	.5730-01	.1710	-5.447	-.3140-01
27	2.0000	.10000*00	11.000	118.6	1.747	.4840-01	.1195	-5.498	-.2170-01
27	2.0000	.12500	12.000	102.6	1.511	.4180-01	.8170-01	-5.536	-.1480-01
27	2.0000	.15000	14.000	94.31	1.389	.3850-01	.6230-01	-5.555	-.1120-01
27	2.0000	.50000	24.000	85.98	1.267	.3510-01	.4260-01	-5.575	-.7600-02
27	2.0000	.80000	27.000	84.25	1.241	.3430-01	.3860-01	-5.579	-.6900-02
27	2.0000	.85000	30.000	94.86	1.397	.3870-01	.6360-01	-5.554	-.1140-01
27	2.0000	.90000	36.000	68.99	1.016	.2810-01	.2600-02	-5.615	-.5000-03
27	2.0000	.95000	37.000	55.00	.8102	.2240-01	-.3030-01	-5.648	-.5400-02
27	3.0000	.10000*00	10.000	117.0	1.724	.4770-01	.1158	-5.502	-.2100-01
27	4.0000	.10000*00	9.0000	114.7	1.689	.4680-01	.1102	-5.507	-.2000-01
27	5.0000	.10000*00	8.0000	119.6	1.762	.4880-01	.1219	-5.496	-.2220-01
27	6.0000	.10000*00	7.0000	115.6	1.703	.4710-01	.1125	-5.505	-.2040-01
27	7.0000	.17000	17.000	406.4	5.987	.1657	.7974	-4.820	-.1654
27	7.0000	.18000	18.000	272.9	4.020	.1113	.4829	-5.135	-.9400-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
27	7.0000	.20000	19.000	96.36	1.419	.3930-01	.6710-01	-5.550	-.1210-01
27	8.0000	.83000	46.000	136.9	2.016	.5580-01	.1625	-5.455	-.2980-01
27	9.0000	.85000	60.71	89.43	.8943	.2480-01	-.1690-01	-5.635	.3000-02
27	10.000	.79000	42.000	78.68	1.159	.3210-01	.2540-01	-5.592	-.4500-02
27	10.000	.79500	43.000	79.06	1.165	.3220-01	.2630-01	-5.591	-.4700-02
27	10.000	.81000	44.000	79.25	1.167	.3230-01	.2680-01	-5.591	-.4800-02
27	10.000	.83000	45.000	97.98	1.443	.3990-01	.7090-01	-5.547	-.1280-01
27	10.000	.84000	51.000	81.22	1.197	.3310-01	.3140-01	-5.586	-.5600-02
27	10.000	.86000	53.000	85.65	1.262	.3490-01	.4180-01	-5.576	-.7500-02
27	10.000	.87500	50.000	40.19	.5821	.1640-01	-.6520-01	-5.683	-.1150-01
27	11.000	.85000	54.000	77.08	1.135	.3140-01	.2170-01	-5.596	-.3900-02
27	12.000	.87500	49.000	59.48	.8763	.2430-01	-.1980-01	-5.637	.3500-02
27	13.000	.83000	47.000	78.12	1.151	.3190-01	.2410-01	-5.593	-.4300-02
27	14.000	.83500	48.000	77.18	1.137	.3150-01	.2190-01	-5.596	-.3900-02
27	15.000	.91000	35.000	60.90	.8971	.2480-01	-.1650-01	-5.634	.2900-02
27	15.000	.70000	41.000	47.25	.6960	.1930-01	-.4860-01	-5.666	.8600-02
27	16.000	.85000	25.000	39.04	.5751	.1590-01	-.6790-01	-5.686	.1200-01
27	16.000	.85000	29.000	57.75	.8507	.2350-01	-.2390-01	-5.641	.4200-02
27	17.000	.99100	40.000	44.71	.6586	.1920-01	-.5460-01	-5.672	.9600-02
27	18.000	.25000	39.000	46.40	.6836	.1890-01	-.5050-01	-5.668	.8900-02
27	18.000	.50000	21.000	56.02	.8253	.2280-01	-.2790-01	-5.646	.4900-02
27	18.000	.85000	23.000	46.98	.6920	.1920-01	-.4920-01	-5.667	.8700-02
27	18.000	.98300	28.000	61.84	.9110	.2520-01	-.1420-01	-5.632	.2500-02
27	19.000	.85000	38.000	47.84	.7048	.1950-01	-.4720-01	-5.665	.8300-02
27	19.000	.85000	32.000	67.19	.9897	.2740-01	-.1600-02	-5.619	.3000-03
27	20.000	.85000	31.000	84.25	1.241	.3430-01	.3860-01	-5.579	-.6900-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-O, ORBITTER FUSELAGE

ORBITTER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	5383-01	1.376	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
27	1.0000	.00000	1.0000	788.9	11.63	.3218	1.699	-3.918	-.4338
27	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
27	1.0000	.75000-01	5.0000	209.3	3.027	.8380-01	.3240	-5.294	-.6120-01
27	1.0000	.15000	13.000	239.2	3.526	.9760-01	.4040	-5.214	-.7750-01
27	1.0000	.16000	15.000	437.5	6.448	.1785	.8712	-4.747	-.1835
27	1.0000	.18000	16.000	530.5	7.821	.2164	1.091	-4.527	-.2409
27	1.0000	.22000	20.000	49.59	.7310	.2020-01	-.4300-01	-5.661	.7600-02
27	1.0000	.50000	22.000	58.56	.8632	.2390-01	-.2190-01	-5.640	.3900-02
27	1.0000	.80000	26.000	102.3	1.508	.4170-01	.8130-01	-5.536	-.1470-01
27	2.0000	.00000	1.0000	788.9	11.63	.3218	1.699	-3.918	-.4338
27	2.0000	.25000-01	3.0000	202.2	2.981	.8250-01	.3168	-5.301	-.5980-01
27	2.0000	.50000-01	4.0000	136.9	2.019	.5590-01	.1629	-5.455	-.2990-01
27	2.0000	.75000-01	6.0000	109.6	1.615	.4470-01	.9830-01	-5.519	-.1780-01
27	2.0000	.10000+00	11.000	92.24	1.360	.3760-01	.5750-01	-5.560	-.1030-01
27	2.0000	.12500	12.000	79.49	1.172	.3240-01	.2750-01	-5.590	-.4900-02
27	2.0000	.15000	14.000	74.29	1.095	.3030-01	.1520-01	-5.603	-.2700-02
27	2.0000	.50000	24.000	68.79	1.014	.2810-01	.2200-02	-5.615	-.4000-03
27	2.0000	.80000	27.000	68.55	1.010	.2800-01	.1700-02	-5.616	-.3000-03
27	2.0000	.85000	30.000	76.10	1.122	.3100-01	.1950-01	-5.598	-.3500-02
27	2.0000	.90000	36.000	53.76	.7924	.2190-01	-.3320-01	-5.651	.5900-02
27	2.0000	.95000	37.000	44.79	.6602	.1830-01	-.5430-01	-5.672	.9600-02
27	3.0000	.10000+00	10.000	90.58	1.335	.3700-01	.5360-01	-5.564	-.9600-02
27	4.0000	.10000+00	9.0000	90.82	1.339	.3710-01	.5420-01	-5.563	-.9700-02
27	5.0000	.10000+00	8.0000	90.82	1.339	.3710-01	.5420-01	-5.563	-.9700-02
27	6.0000	.10000+00	7.0000	96.72	1.426	.3950-01	.6810-01	-5.550	-.1230-01
27	7.0000	.17000	17.000	489.6	7.218	.1998	.9942	-4.623	-.2150
27	7.0000	.18000	18.000	324.0	4.776	.1322	.6037	-5.014	-.1204

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
27	7.0000	.20000	19.000	112.4	1.657	.4580-01	.1050	-5.513	-.1900-01
27	8.0000	.83000	46.000	111.7	1.647	.4560-01	.1034	-5.514	-.1870-01
27	9.0000	.85000	52.000	50.24	.7406	.2050-01	-.4150-01	-5.659	.7300-02
27	10.000	.79000	42.000	65.02	.9584	.2650-01	-.6600-02	-5.624	.1200-02
27	10.000	.79500	43.000	65.39	.9640	.2670-01	-.5800-02	-5.623	.1000-02
27	10.000	.81000	44.000	65.02	.9584	.2650-01	-.6600-02	-5.624	.1200-02
27	10.000	.83000	45.000	77.44	1.142	.3160-01	.2260-01	-5.595	-.4000-02
27	10.000	.84000	51.000	65.39	.9640	.2670-01	-.5800-02	-5.623	.1000-02
27	10.000	.86000	53.000	70.76	1.043	.2890-01	.6900-02	-5.611	-.1200-02
27	10.000	.87500	50.000	31.70	.4673	.1290-01	-.8520-01	-5.703	.1490-01
27	11.000	.85000	54.000	63.70	.9390	.2600-01	-.9800-02	-5.627	.1700-02
27	12.000	.87500	49.000	46.19	.6810	.1880-01	-.5100-01	-5.669	.9000-02
27	13.000	.83000	47.000	63.98	.9432	.2610-01	-.9150-02	-5.627	.1600-02
27	14.000	.83500	48.000	62.76	.9251	.2560-01	-.1200-01	-5.630	.2100-02
27	15.000	.91000	35.000	62.41	.9200	.2550-01	-.1280-01	-5.531	.2300-02
27	15.000	.99100	41.000	41.11	.6061	.1680-01	-.6300-01	-5.681	.1110-01
27	16.000	.70000	25.000	45.65	.6730	.1860-01	.5230-01	-5.670	.9200-02
27	16.000	.85000	29.000	56.59	.8342	.2310-01	-.2650-01	-5.644	.4700-02
27	16.000	.99100	40.000	61.53	.9071	.2510-01	-.1490-01	-5.632	.2600-02
27	17.000	.99000	39.000	55.32	.8155	.2360-01	-.2950-01	-5.647	.5200-02
27	18.000	.25000	21.000	57.85	.8528	.2360-01	-.2350-01	-5.641	.4200-02
27	18.000	.50000	23.000	52.89	.7797	.2160-01	-.3520-01	-5.653	.6200-02
27	18.000	.85000	28.000	96.25	1.419	.3930-01	.6700-01	-5.551	-.1210-01
27	18.000	.98300	38.000	52.26	.7704	.2130-01	-.3670-01	-5.654	.6500-02
27	19.000	.85000	32.000	56.51	.8330	.2310-01	-.2670-01	-5.644	.4700-02
27	20.000	.85000	31.000	69.10	1.019	.2820 U1	.3000-02	-5.615	-.5000-03

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	X10 6 1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
27	1.0000	.00000	1.0000	776.8	11.45	.3169	1.671	-3.947	-.4233
27	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
27	1.0000	.75000-01	5.0000	252.7	3.724	.1031	.4356	-5.182	-.8410-01
27	1.0000	.15000	13.000	316.8	4.669	.1292	.5867	-5.031	-.1166
27	1.0000	.16000	15.000	524.6	7.733	.2140	1.076	-4.541	-.2371
27	1.0000	.18000	16.000	622.8	9.179	.2540	1.308	-4.310	-.3035
27	1.0000	.22000	20.000	63.57	.9370	.2590-01	-.1010-01	-5.628	.1800-02
27	1.0000	.50000	22.000	74.50	1.098	.3040-01	.1570-01	-5.602	-.2800-02
27	1.0000	.80000	26.000	108.8	1.604	.4440-01	.9650-01	-5.521	-.1750-01
27	2.0000	.00000	1.0000	776.8	11.45	.3169	1.671	-3.947	-.4233
27	2.0000	.25000-01	3.0000	158.7	2.340	.6480-01	.2143	-5.403	-.3970-01
27	2.0000	.50000-01	4.0000	105.3	1.551	.4290-01	.8820-01	-5.530	-.1590-01
27	2.0000	.75000-01	6.0000	84.42	1.244	.3440-01	.3910-01	-5.579	-.7000-02
27	2.0000	.10000+00	11.000	71.12	1.048	.2900-01	.7700-02	-5.610	-.1400-02
27	2.0000	.12500	12.000	61.76	.9103	.2520-01	-.1430-01	-5.632	.2500-02
27	2.0000	.15000	14.000	59.48	.8767	.2430-01	-.1970-01	-5.637	.3500-02
27	2.0000	.50000	24.000	59.32	.8744	.2420-01	-.2010-01	-5.638	.3600-02
27	2.0000	.80000	27.000	57.59	.8489	.2350-01	-.2420-01	-5.642	.4300-02
27	2.0000	.85000	30.000	65.93	.9718	.2690-01	-.4500-02	-5.622	.8000-03
27	2.0000	.90000	35.000	42.25	.6228	.1720-01	-.6030-01	-5.678	.1060-01
27	2.0000	.95000	37.000	36.43	.5370	.1490-01	-.7400-01	-5.692	.1300-01
27	3.0000	.10000+00	10.000	70.57	1.040	.2880-01	.6400-02	-5.611	-.1100-02
27	4.0000	.10000+00	9.000	70.57	1.040	.2880-01	.6400-02	-5.611	-.1100-02
27	5.0000	.10000+00	8.0000	71.67	1.056	.2920-01	.9000-02	-5.609	-.1600-02
27	6.0000	.10000+00	7.0000	77.73	1.146	.3170-01	.2330-01	-5.594	-.4200-02
27	7.0000	.17000	17.000	583.6	8.602	.2381	1.215	-4.402	-.2761
27	7.0000	.18000	18.000	386.2	5.693	.1576	.7504	-4.867	-.1542

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
27	7.0000	.20000	19.000	133.9	1.973	.5460-01	.1557	-5.462	-.2850-01
27	8.0000	.83000	46.000	91.33	1.346	.3730-01	.5540-01	-5.562	-.1000-01
27	9.0000	.85000	52.000	42.87	.6320	.1750-01	-.5880-01	-5.677	.1040-01
27	10.000	.79000	42.000	54.45	.8026	.2220-01	-.3160-01	-5.649	.5600-02
27	10.000	.79500	43.000	55.20	.8136	.2250-01	-.2980-01	-5.647	.5300-02
27	10.000	.81000	44.000	54.82	.8081	.2240-01	-.3070-01	-5.648	.5400-02
27	10.000	.83000	45.000	62.26	.9177	.2540-01	-.1320-01	-5.631	.2300-02
27	10.000	.84000	51.000	54.64	.8053	.2230-01	-.3110-01	-5.649	.5500-02
27	10.000	.86000	53.000	59.44	.8761	.2420-01	-.1980-01	-5.637	.3500-02
27	10.000	.87500	50.000	26.22	.3865	.1070-01	-.9810-01	-5.716	.1720-01
27	11.000	.85000	53.13	53.13	.7831	.2170-01	-.3470-01	-5.652	.6100-02
27	12.000	.87500	49.000	39.68	.5848	.1620-01	-.6640-01	-5.684	.1170-01
27	13.000	.83000	47.000	53.13	.7831	.2170-01	-.3470-01	-5.652	.6100-02
27	14.000	.83500	48.000	51.72	.7623	.2110-01	-.3800-01	-5.656	.6700-02
27	15.000	.81000	35.000	53.27	.7851	.2170-01	-.3440-01	-5.652	.6100-02
27	15.000	.99100	41.000	34.97	.5155	.1430-01	-.7750-01	-5.695	.1360-01
27	16.000	.70000	25.000	60.82	.8964	.2480-01	-.1660-01	-5.634	.2900-02
27	16.000	.85000	29.000	70.81	1.044	.2890-01	.7000-02	-5.611	-.1200-02
27	16.000	.99100	40.000	89.17	1.314	.7540-01	.5030-01	-5.567	-.9000-02
27	17.000	.99000	39.000	65.55	.9662	.2670-01	-.5400-02	-5.623	.1000-02
27	18.000	.25000	21.000	58.54	.8628	.2390-01	-.2190-01	-5.640	.3900-02
27	18.000	.50000	23.000	53.66	.7909	.2190-01	-.3340-01	-5.651	.5900-02
27	18.000	.85000	28.000	108.5	1.599	.4430-01	.9580-01	-5.522	.1730-01
27	18.000	.98300	38.000	60.19	.8872	.2460-01	-.1800-01	-5.636	.3200-02
27	19.000	.85000	32.000	49.18	.7248	.2010-01	-.4400-01	-5.662	.7800-02
27	20.000	.85000	31.000	55.63	.8199	.2270-01	-.2880-01	-5.646	.5100-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, ORBITER FUSELAGE

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
22	1.0000	.00000	1.0000	721.5	16.09	.2073	1.748	-7.124	-2453
22	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
22	1.0000	.75000-01	3.0000	217.7	4.856	.6260-01	.4466	-8.425	-5300-01
22	1.0000	.15000	13.000	237.1	5.289	.6820-01	.4967	-8.375	-5930-01
22	1.0000	.16000	15.000	480.2	10.71	.1380	1.125	-7.747	-1452
22	1.0000	.18000	16.000	594.3	13.25	.1708	1.419	-7.452	-1905
22	1.0000	.22000	20.000	53.22	1.187	.1530-01	.2160-01	-8.850	-2400-02
22	1.0000	.50000	22.000	56.52	1.260	.1620-01	.3020-01	-8.841	-3400-02
22	1.0000	.80000	26.000	64.69	1.443	.1860-01	.5130-01	-8.820	-5800-02
22	2.0000	.00000	1.0000	721.5	16.09	.2073	1.748	-7.124	-2453
22	2.0000	.25000-01	3.0000	133.0	2.966	.3820-01	.2277	-8.643	-2630-01
22	2.0000	.50000-01	4.0000	84.56	1.886	.2430-01	.1026	-8.769	-1170-01
22	2.0000	.75000-01	6.0000	65.39	1.458	.1880-01	.5310-01	-8.819	-6000-02
22	2.0000	.10000+00	11.000	54.71	1.220	.1570-01	.2250-01	-8.846	-2900-02
22	2.0000	.12500	12.000	46.54	1.038	.1340-01	.4400-02	-8.867	-5000-03
22	2.0000	.15000	14.000	44.11	.9837	.1270-01	-1.900-02	-8.873	-2000-03
22	2.0000	.50000	24.000	36.10	.8051	.1040-01	-2.260-01	-8.894	-2500-02
22	2.0000	.80000	27.000	40.55	.9066	.1170-01	-1.080-01	-8.882	-1200-02
22	2.0000	.85000	30.000	45.99	1.026	.1320-01	.3000-02	-8.868	-3000-03
22	2.0000	.90000	36.000	27.46	.6124	.7900-02	-4.490-01	-8.916	-5000-02
22	3.0000	.95000	37.000	23.06	.5143	.6600-02	-5.620-01	-8.928	-6300-02
22	3.0000	.10000+00	10.000	52.83	1.178	.1520-01	.2060-01	-8.851	-2300-02
22	4.0000	.10000+00	9.0000	52.75	1.176	.1520-01	.2040-01	-8.851	-2300-02
22	5.0000	.10000+00	8.0000	54.55	1.217	.1570-01	.2510-01	-8.846	-2800-02
22	6.0000	.10000+00	7.0000	58.48	1.304	.1680-01	.3520-01	-8.836	-4000-02
22	7.0000	.17000	17.000	543.1	12.11	.1561	1.287	-7.585	-1697
22	7.0000	.18000	18.000	337.6	7.529	.9700-01	.7561	-8.115	-9320-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/SI
22	7.0000	.20000	19.000	111.5	2.486	.3200-01	.1722	-8.699	-.1980-01
22	8.0000	.83000	46.000	59.95	1.337	.1720-01	.3900-01	-8.832	-.4400-02
22	9.0000	.85000	52.000	27.21	.6068	.7800-02	.4550-01	-8.917	.5100-02
22	10.000	.79000	42.000	34.55	.7705	.9900-02	.2660-01	-8.898	.3000-02
22	10.000	.79500	43.000	34.64	.7726	.1000-01	.2630-01	-8.898	.3000-02
22	10.000	.81000	44.000	35.39	.7894	.1020-01	.2440-01	-8.896	.2700-02
22	10.000	.83000	45.000	40.19	.8964	.1160-01	.1200-01	-8.883	.1400-02
22	10.000	.84000	51.000	34.64	.7726	.1000-01	.2630-01	-8.898	.3000-02
22	10.000	.86000	53.000	38.59	.8607	.1110-01	.1610-01	-8.887	.1800-02
22	10.000	.87500	50.000	17.43	.3886	.5000-02	.7080-01	-8.942	.7900-02
22	11.000	.85000	54.000	33.32	.7432	.9600-02	.2970-01	-6.901	.3300-02
22	12.000	.87500	49.000	25.71	.5733	.7400-02	.4940-01	-8.921	.5500-02
22	13.000	.83000	47.000	33.80	.7537	.9700-02	.2850-01	-8.900	.3200-02
22	14.000	.83500	48.000	33.89	.7558	.9700-02	.2830-01	-8.900	.3200-02
22	15.000	.91000	35.000	36.18	.8068	.1040-01	.2240-01	-8.894	.2500-02
22	15.000	.99100	41.000	23.92	.5334	.6900-02	.5400-01	-8.925	.6100-02
22	16.000	.70000	25.000	40.89	.9119	.1180-01	.1020-01	-8.882	.1100-02
22	16.000	.85000	29.000	44.89	1.001	.1290-01	.1000-03	-6.871	.0000
22	16.000	.99100	40.000	57.41	1.280	.1550-01	.3250-01	-8.839	-.3700-02
22	17.000	.93000	39.000	46.59	1.039	.1340-01	.4500-02	-8.867	-.5000-03
22	18.000	.25000	21.000	41.60	.9277	.1200-01	.8400-02	-8.880	.9000-03
22	18.000	.50000	23.000	35.55	.7928	.1020-01	.2400-01	-8.895	.2700-02
22	18.000	.85000	28.000	73.72	1.644	.2120-01	.7460-01	-8.797	-.8500-02
22	18.000	.98300	38.000	40.50	.9031	.1160-01	.1120-01	-8.883	.1300-02
22	19.000	.85000	32.000	36.33	.8103	.1040-01	.2200-01	-8.893	.2500-02
22	20.000	.85000	31.000	38.06	.8488	.1090-01	.1750-01	-8.889	.2000-02

ORBITER FUSELAGE

IH11. MODEL 84-0. ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-1.991-01	1.834	3477.	44.85	387.1	211.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
22	1.0000	.00000	1.0000	718.4	16.02	.2066	1.740	-7.125	-.2442
22	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
22	1.0000	.75000-01	5.0000	168.8	3.764	.4860-01	.3202	-6.545	-.3750-01
22	1.0000	.15000	13.000	178.8	3.987	.5140-01	.3461	-8.519	-.4060-01
22	1.0000	.16000	15.000	383.1	8.542	.1102	.8738	-7.991	-.1093
22	1.0000	.18000	16.000	490.0	10.93	.1409	1.150	-7.715	-.1491
22	1.0000	.22000	20.000	39.55	.8819	.1140-01	-.1370-01	-8.879	.1500-02
22	1.0000	.50000	22.000	38.69	.8626	.1110-01	-.1590-01	-8.881	.1800-02
22	1.0000	.80000	26.000	61.05	1.361	.1760-01	.4180-01	-8.823	-.4700-02
22	2.0000	.00000	1.0000	718.4	16.02	.2066	1.740	-7.125	-.2442
22	2.0000	.25000-01	3.0000	167.2	3.729	.4810-01	.3162	-8.549	-.3700-01
22	2.0000	.50000-01	4.0000	108.7	2.423	.3130-01	.1649	-8.700	-.1900-01
22	2.0000	.75000-01	6.0000	84.59	1.886	.2430-01	.1026	-8.763	-.1170-01
22	2.0000	.10000*00	11.000	69.08	1.540	.1990-01	.6260-01	-9.803	-.7100-02
22	2.0000	.12500	12.000	58.37	1.301	.1680-01	.3490-01	-8.830	-.4000-02
22	2.0000	.15000	14.000	53.96	1.203	.1550-01	.2350-01	-8.842	-.2700-02
22	2.0000	.50000	24.000	47.35	1.056	.1360-01	.6400-02	-8.859	-.7000-03
22	2.0000	.80000	27.000	44.12	.9837	.1270-01	-.1900-02	-8.867	.2000-03
22	2.0000	.85000	30.000	52.07	1.161	.1500-01	.1860-01	-8.847	-.2100-02
22	2.0000	.90000	36.000	37.33	.7432	.9600-02	-.2980-01	-8.895	.3300-02
22	2.0000	.95000	37.000	27.90	.6221	.8000-02	-.4380-01	-8.909	.4900-02
22	3.0000	.10000*00	10.000	67.11	1.496	.1930-01	.5750-01	-8.808	-.6500-02
22	4.0000	.10000*00	9.0000	66.56	1.484	.1910-01	.5610-01	-8.809	-.6400-02
22	5.0000	.10000*00	8.0000	67.42	1.503	.1940-01	.5830-01	-8.807	-.6600-02
22	6.0000	.10000*00	7.0000	71.36	1.591	.2050-01	.6850-01	-8.797	-.7800-02
22	7.0000	.17000	17.000	434.2	9.681	1.249	1.006	-7.859	-.1280
22	7.0000	.18000	18.000	271.1	6.044	.7800-01	.5844	-8.281	-.7060-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-O, ORBITER FUSELAGE

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
22	7.0000	.20000	19.000	90.49	2.018	.2600-01	.1179	-8.747	-.1350-01
22	8.0000	.83000	46.000	74.58	1.663	.2150-01	.7680-01	-8.788	-.8700-02
22	9.0000	.85000	52.000	31.33	.6986	.9000-02	-.3490-01	-8.900	.3900-02
22	10.000	.79000	42.000	40.19	.8960	.1160-01	.1200-01	-8.877	.1400-02
22	10.000	.79500	43.000	40.66	.9066	.1170-01	-.1080-01	-8.876	.1200-02
22	10.000	.81000	44.000	40.85	.9108	.1170-01	-.1030-01	-8.876	.1200-02
22	10.000	.83000	45.000	48.01	1.070	.1380-01	.8200-02	-8.857	-.9000-03
22	10.000	.84000	51.000	41.42	.9234	.1190-01	-.8900-02	-8.874	.1000-02
22	10.000	.86000	53.000	44.81	.9990	.1290-01	-.1000-03	-8.865	.0000
22	10.000	.87500	50.000	20.40	.4549	.5900-02	.6320-01	-8.928	.7100-02
22	11.000	.85000	54.000	39.06	.8708	.1120-01	-.1500-01	-8.880	.1700-02
22	12.000	.87500	49.000	30.58	.6818	.8800-02	-.3690-01	-8.902	.4100-02
22	13.000	.83000	47.000	39.81	.8876	.1150-01	.1300-01	-8.878	.1500-02
22	14.000	.83500	48.000	39.44	.8792	.1130-01	-.1400-01	-8.879	.1600-02
22	15.000	.91000	35.000	41.52	.9258	.1190-01	-.8600-02	-8.874	.1000-02
22	15.000	.99100	41.000	25.40	.5603	.7300-02	.5030-01	-8.916	.5600-02
22	16.000	.70000	25.000	30.58	.6818	.8800-02	-.3690-01	-8.902	.4100-02
22	16.000	.85000	29.000	33.73	.7520	.9700-02	.370-01	-8.894	.3200-02
22	16.000	.99100	40.000	38.31	.8540	.1100-01	-.1690-01	-8.882	.1900-02
22	17.000	.99000	39.000	36.99	.8246	.1060-01	-.2030-01	-8.895	.2300-02
22	18.000	.25000	21.000	39.95	.8906	.1150-01	.1270-01	-8.878	.1400-02
22	18.000	.50000	23.000	32.86	.7327	.9500-02	-.3100-01	-8.896	.3500-02
22	18.000	.85000	28.000	65.93	1.470	.1900-01	.5440-01	-8.811	-.6200-02
22	18.000	.98300	38.000	34.52	.7695	.9900-02	-.2670-01	-8.892	.3000-02
22	19.000	.85000	32.000	40.58	.9047	.1170-01	-.1100-01	-8.876	.1200-02
22	20.000	.85000	31.000	44.28	.9872	.1270-01	-.1500-02	-8.867	.2000-03

ORIGINAL PART IS
OF GOOD QUALITY

ORBITER FUSELAGE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
22	1.0000	.00000	1.0000	709.7	15.82	.2041	1.717	-7.147	-.2402
22	1.0000	.25000-01	2.0000	999.0	999.0	999.0	999.0	999.0	999.0
22	1.0000	.75000-01	5.0000	128.9	2.871	.3700-01	.2168	-6.647	-.2510-01
22	1.0000	.15000	13.000	141.0	3.143	.4060-01	.2483	-8.616	-.2880-01
22	1.0000	.16000	15.000	289.3	6.446	.8320-01	.6310	-8.233	-.7660-01
22	1.0000	.18000	16.000	391.3	8.720	.1125	.8946	-7.970	-.1122
22	1.0000	.22000	20.000	30.64	.6827	.8800-02	-.3680-01	-8.901	.4100-02
22	1.0000	.50000	22.000	29.38	.6547	.8400-02	-.4000-01	-8.904	.4500-02
22	1.0000	.80000	26.000	58.63	1.307	.1690-01	.3550-01	-8.829	-.4000-02
22	2.0000	.00000	1.0000	709.7	15.82	.2041	1.717	-7.147	-.2402
22	2.0000	.25000-01	3.0000	212.5	4.736	.6110-01	.4329	-8.431	-.5130-01
22	2.0000	.50000-01	4.0000	142.8	3.181	.4110-01	.2528	-8.611	-.2940-01
22	2.0000	.75000-01	6.0000	112.3	2.502	.3230-01	.1740	-8.690	-.2000-01
22	2.0000	.10000+00	11.000	93.23	2.077	.2680-01	.1249	-8.739	-.1430-01
22	2.0000	.12500	12.000	79.63	1.774	.2290-01	.8970-01	-8.775	-.1020-01
22	2.0000	.15000	14.000	72.39	1.613	.2080-01	.7100-01	-8.793	-.8100-02
22	2.0000	.50000	24.000	62.01	1.382	.1780-01	.4420-01	-8.820	-.5000-02
22	2.0000	.80000	27.000	57.93	1.291	.1670-01	.3370-01	-8.831	-.3800-02
22	2.0000	.85000	30.000	70.19	1.564	.2020-01	.6540-01	-8.799	-.7400-02
22	2.0000	.90000	36.000	45.66	1.017	.1310-01	.2000-02	-8.862	-.2000-03
22	2.0000	.95000	37.000	37.79	.8422	.1090-01	-.1830-01	-8.883	-.2100-02
22	3.0000	.10000+00	10.000	90.17	2.009	.2590-01	.1169	-8.747	-.1340-01
22	4.0000	.10000+00	9.0000	88.52	1.972	.2540-01	.1127	-8.752	-.1290-01
22	5.0000	.10000+00	8.0000	88.28	1.967	.2540-01	.1121	-8.752	-.1280-01
22	6.0000	.10000+00	88.20	88.20	1.965	.2540-01	.1119	-8.752	-.1280-01
22	7.0000	.17000	338.1	338.1	7.534	.9720-01	.7571	-8.107	-.9340-01
22	7.0000	.18000	217.6	217.6	4.850	.6260-01	.4461	-8.418	-.5300-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/S1
22	7.0000	.20000	19.000	74.99	1.671	.2160-01	.7770-01	-8.786	-.8800-02
22	8.0000	.83000	46.000	99.24	2.211	.2850-01	.1404	-9.724	-.1610-01
22	9.0000	.85000	52.000	41.07	.9151	.1180-01	-.9800-02	-8.874	.1100-02
22	10.000	.79000	42.000	53.78	1.198	.1550-01	.2300-01	-8.841	-.2600-02
22	10.000	.79500	43.000	54.34	1.211	.1560-01	.2440-01	-8.840	-.2800-02
22	10.000	.81000	44.000	54.06	1.205	.1550-01	.2370-01	-8.840	-.2700-02
22	10.000	.83000	45.000	65.92	1.469	.1900-01	.5430-01	-8.810	-.6200-02
22	10.000	.84000	51.000	56.60	1.261	.1630-01	.3030-01	-8.834	-.3400-02
22	10.000	.86000	53.000	59.05	1.316	.1700-01	.3660-01	-8.828	-.4100-02
22	10.000	.87500	50.000	29.21	.6508	.8400-02	-.4050-01	-8.905	-.4500-02
22	11.000	.85000	54.000	51.42	1.146	.1480-01	.1690-01	-8.847	-.1900-02
22	12.000	.87500	49.000	43.52	.9697	.1250-01	-.3500-02	-8.868	.4000-03
22	13.000	.83000	47.000	53.21	1.186	.1530-01	.2150-01	-8.843	-.2400-02
22	14.000	.83500	48.000	53.02	1.182	.1520-01	.2100-01	-8.843	-.2400-02
22	15.000	.91000	35.000	39.37	.8772	.1130-01	-.1420-01	-8.878	.1600-02
22	15.000	.99100	41.000	29.68	.6613	.8500-02	-.3920-01	-8.903	.4400-02
22	16.000	.70000	25.000	24.82	.5530	.7100-02	.5180-01	-8.916	.5800-02
22	16.000	.85000	29.000	32.53	.7248	.9400-02	.3190-01	-8.896	.3600-02
22	17.000	.99100	40.000	28.93	.6445	.8300-02	-.4120-01	-8.905	.4600-02
22	18.000	.25000	39.000	33.16	.7389	.5500-02	.3030-01	-8.895	.3400-02
22	18.000	.50000	21.000	37.40	.8334	.1080-01	.1930-01	-8.883	.2200-02
22	18.000	.85000	23.000	31.27	.6967	.9000-02	-.3510-01	-8.899	.3900-02
22	18.000	.85000	28.000	38.97	.8684	.1120-01	-.1520-01	-8.879	.1700-02
22	18.000	.98300	38.000	34.02	.7581	.9800-02	-.2800-01	-8.892	.3200-02
22	19.000	.85000	32.000	51.16	1.140	.1470-01	.1620-01	-8.848	-.1800-02
22	20.000	.85000	31.000	57.69	1.286	.1660-01	.3310-01	-8.831	-.3700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1L01)

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
3	.60000	.10000+00	55.000	124.8	1.087	.6420-01	.2000-01	-3.639	-.5500-02
3	.60000	.20000	56.000	128.2	1.117	.6590-01	.2680-01	-3.633	-.7400-02
3	.60000	.40000	57.000	111.3	.9698	.5720-01	-.6900-02	-3.667	.1900-02
3	.60000	.60000	58.000	166.5	1.450	.P560-01	.1034	-3.556	-.2910-01
3	.60000	.80000	59.000	192.3	1.675	.5890-01	.1550	-3.505	-.4420-01
3	.60000	.99000	60.000	105.5	.9188	.5420-01	-.1860-01	-3.678	.5100-02

IHI1, MODEL 84-OTS, WING LOWER SURFACE

(R01L01)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
3	.60000	.10000*00	55.000	151.1	1.316	.7770-01	.7250-01	-3.587	-.2020-01
3	.60000	.20000	56.000	144.9	1.262	.7450-01	.6010-01	-3.599	-.1670-01
3	.60000	.40000	57.000	126.8	1.104	.6520-01	.2390-01	-3.636	-.6600-02
3	.60000	.60000	58.000	155.9	1.358	.6010-01	.8210-01	-3.577	-.2300-01
3	.60000	.80000	59.000	209.6	1.825	.1077	.1894	-3.470	-.5460-01
3	.60000	.99000	60.000	112.7	.9808	.5790-01	-.4400-02	-3.664	.1200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1L01)

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
3	.60000	.10000+00	55.000	177.1	1.542	.9100-01	.1245	-3.535	-.3520-01
3	.60000	.20000	56.000	167.9	1.462	.8630-01	.1060	-3.553	-.2980-01
3	.60000	.40000	57.000	148.4	1.292	.7630-01	.6700-01	-3.593	-.1870-01
3	.60000	.60000	58.000	234.5	2.042	.1205	.2392	-3.420	-.6990-01
3	.60000	.80000	59.000	243.8	2.122	.1253	.2577	-3.402	-.7570-01
3	.60000	.99000	60.000	116.1	1.011	.5970-01	.2400-02	-3.657	-.7000-03

IHI1, MODEL 84-OTS, WING LOWER SURFACE

(RGIL01)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CPI/SI
9	.60000	.10000+00	55.000	117.3	1.731	.4790-01	.1168	-5.500	-.2120-01
9	.60000	.20000	56.000	114.2	1.685	.4660-01	.1095	-5.507	-.1990-01
9	.60000	.40000	57.000	106.1	1.565	.4330-01	.9040-01	-5.526	-.1640-01
9	.60000	.60000	58.000	96.90	1.429	.3960-01	.6870-01	-5.548	-.1240-01
9	.60000	.80000	59.000	113.4	1.672	.4630-01	.1075	-5.509	-.1950-01
9	.60000	.99000	60.000	90.22	1.331	.3680-01	.5290-01	-5.564	-.9500-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING LOWER SURFACE

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(RG1L01)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	CO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/ST
9	.60000	.10000+00	55.000	99.33	1.465	.4050-01	.7440-01	-5.544	-.1340-01
9	.60000	.20000	56.000	87.57	1.292	.3570-01	.4660-01	-5.572	-.8400-02
9	.60000	.40000	57.000	86.16	1.271	.3520-01	.4330-01	-5.576	-.7800-02
9	.60000	.60000	58.000	89.26	1.317	.2540-01	.5060-01	-5.568	-.9100-02
9	.60000	.80000	59.000	90.86	1.340	.2710-01	.5440-01	-5.564	-.9800-02
9	.60000	.99000	60.000	79.11	1.167	.3230-01	.2670-01	-5.592	-.4800-02

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(1)	CP(1)	CP(1)	CPI/SI
9	.60000	.10000+00	55.000	92.05	1.359	.3760-01	.5730-01	.5730-01	.5730-01	.5730-01	-.1030-01
9	.60000	.20000	56.000	100.6	1.485	.4110-01	.7750-01	.7750-01	.7750-01	.7750-01	-.1400-01
9	.60000	.40000	57.000	92.70	1.368	.3790-01	.5890-01	.5890-01	.5890-01	.5890-01	-.1060-01
9	.60000	.60000	58.000	97.12	1.434	.3970-01	.6930-01	.6930-01	.6930-01	.6930-01	-.1250-01
9	.60000	.80000	59.000	95.53	1.410	.3300-01	.6550-01	.6550-01	.6550-01	.6550-01	-.1180-01
9	.60000	.99000	60.000	79.63	1.175	.3250-01	.2800-01	.2800-01	.2800-01	.2800-01	-.5000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
9	.60000	.10000+00	55.000	126.4	1.864	.5160-01	.1382	-5.480	-.2520-01
9	.60000	.20000	56.000	114.3	1.685	.4660-01	.1096	-5.509	-.1990-01
9	.60000	.40000	57.000	105.4	1.555	.4300-01	.8870-01	-5.530	-.1600-01
9	.60000	.60000	58.000	97.84	1.443	.7990-01	.7080-01	-5.548	-.1280-01
9	.60000	.80000	59.000	120.5	1.777	.4320-01	.1242	-5.494	-.2260-01
9	.60000	.99000	60.000	89.56	1.321	.3650-01	.5130-01	-5.567	-.9200-02

IHI1. MODEL 84-OTS. WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
6	.60000	.10000*00	55.000	58.64	1.305	.1690-01	.3540-01	-8.822	-.4000-02
6	.60000	.20000	56.000	67.29	1.498	.1940-01	.5770-01	-8.800	-.6600-02
6	.60000	.40000	57.000	67.29	1.498	.1940-01	.5770-01	-8.800	-.6600-02
6	.60000	.60000	58.000	67.10	1.494	.1930-01	.5720-01	-8.801	-.6500-02
6	.60000	.80000	59.000	68.80	1.531	.1980-01	.6160-01	-8.796	-.7000-02
6	.60000	.99000	60.000	52.15	1.161	.1500-01	.1860-01	-8.839	-.2100-02

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-5.379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
6	.60000	.10000+00	55.000	84.36	1.878	.2430-01	.1018	-8.755	-.1160-01
6	.60000	.20000	56.000	70.34	1.565	.2020-01	.6560-01	-8.791	-.7500-02
6	.60000	.40000	57.000	60.27	1.342	.1730-01	.3960-01	-8.817	-.4500-02
6	.60000	.60000	58.000	63.09	1.405	.1820-01	.4690-01	-8.810	-.5300-02
6	.60000	.80000	59.000	67.33	1.499	.1940-01	.5790-01	-8.799	-.6600-02
6	.60000	.99000	60.000	41.36	.9209	.1190-01	-.9200-02	-8.866	.1000-02

IHI1, MODEL 84-OTS, WING LOWER SURFACE

(RG1L01)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP(SI)	CPI/SI
6	.60000	.10000*00	55.000	97.34	2.168	.2800-01	.1355	-8.722	-8.722	-.1550-01
6	.60000	.20000	56.000	87.83	1.957	.2530-01	.1109	-8.746	-8.746	-.1270-01
6	.60000	.40000	57.000	76.16	1.697	.2190-01	.8080-01	-8.776	-8.776	-.9200-02
6	.60000	.60000	58.000	67.31	1.500	.1940-01	.5790-01	-8.799	-8.799	-.6600-02
6	.60000	.80000	59.000	70.80	1.577	.2040-01	.6690-01	-8.790	-8.790	-.7600-02
6	.60000	.99000	60.000	62.98	1.403	.1810-01	.4670-01	-8.810	-8.810	-.5300-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, WING LOWER SURFACE

(RG1L02)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
2	.60000	.10000+00	55.000	155.6	1.355	.8000-01	.8140-01	-3.578	-.2280-01
2	.60000	.20000	56.000	135.6	1.181	.6970-01	.4150-01	-3.618	-.1150-01
2	.60000	.40000	57.000	126.7	1.103	.6510-01	.2380-01	-3.636	-.6500-02
2	.60000	.60000	58.000	215.2	1.874	.1106	.2007	-3.459	-.5800-01
2	.60000	.80000	59.000	242.7	2.113	.1248	.2556	-3.404	-.7510-01
2	.60000	.99000	60.000	93.34	.8129	.4800-01	-.4300-01	-3.702	.1160-01

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-.2788-C1	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
2	.60000	.10000*00	55.000	123.7	1.077	.6360-01	.1760-01	-3.642	-.4800-02
2	.60000	.20000	56.000	107.6	.9371	.5530-01	-.1440-01	-3.674	.3900-02
2	.60000	.40000	57.000	128.5	1.119	.6600-01	.2720-01	-3.632	-.7500-02
2	.60000	.60000	58.000	151.8	1.321	.7800-01	.7380-01	-3.586	-.2060-01
2	.60000	.80000	59.000	169.6	1.477	.8720-01	.1094	-3.550	-.3080-01
2	.60000	.99000	60.000	95.56	.8320	.4910-01	-.3860-01	-3.698	.1040-01

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
2	.60000	.10000+00	55.000	104.1	.9059	.5350-01	-.2160-01	-3.681	.5900-02
2	.60000	.20000	56.000	88.43	.7698	.4540-01	-.5290-01	-3.712	.1420-01
2	.60000	.40000	57.000	134.6	1.171	.6920-01	.3940-01	-3.620	-.1090-01
2	.60000	.60000	58.000	139.2	1.212	.7150-01	.4860-01	-3.611	-.1350-01
2	.60000	.80000	59.000	152.5	1.327	.830-01	.7510-01	-3.585	-.2100-01
2	.60000	.99000	60.000	94.27	.8206	.4840-01	-.4120-01	-3.701	.1110-01

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	X10 6 1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/S1
8	.60000	.10000+00	55.000	114.1	1.682	.4650-01	.1090	-5.510	-.1980-01
8	.60000	.20000	56.000	94.39	1.391	.3850-01	.6250-01	-5.557	-.1120-01
8	.60000	.40000	57.000	81.23	1.197	.3310-01	.3150-01	-5.588	-.5600-02
8	.60000	.60000	58.000	95.89	1.413	.7910-01	.6600-01	-5.553	-.1190-01
8	.60000	.80000	59.000	86.68	1.277	.530-01	.4430-01	-5.575	-.7900-02
8	.60000	.99000	60.000	83.67	1.233	.3410-01	.3720-01	-5.582	-.6700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIL02)

IH11. MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) FSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
8	.60000	.10000+00	55.000	87.26	1.287	.3560-01	.4580-01	-5.573	-.8200-02
8	.60000	.20000	56.000	75.59	1.115	.3080-01	.1830-01	-5.600	-.3300-02
8	.60000	.40000	57.000	67.22	.9912	.2740-01	-.1400-02	-5.620	.2000-03
8	.60000	.60000	58.000	96.57	1.424	.3940-01	.6780-01	-5.551	-.1220-01
8	.60000	.80000	59.000	76.81	1.133	.3130-01	.2120-01	-5.598	-.3800-02
8	.60000	.99000	60.000	74.18	1.094	.3030-01	.1500-01	-5.604	-.2700-02

IH11, MODEL 84-OTS, WING LOWER SURFACE

(RG1L02)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
8	.60000	.10000+00	55.000	83.59	1.234	.3410-01	.3740-01	-5.581	-.6700-02
8	.60000	.20000	56.000	69.86	1.031	.2850-01	.5000-02	-5.613	-.9000-03
8	.60000	.40000	57.000	58.58	.8648	.2390-01	-.2160-01	-5.640	-.3800-02
8	.60000	.60000	58.000	94.87	1.400	.3870-01	.6400-01	-5.554	-.1150-01
8	.60000	.80000	59.000	70.15	1.035	.2860-01	.5700-02	-5.613	-.1000-02
8	.60000	.99000	60.000	62.91	.9286	.2570-01	-.1140-01	-5.630	-.2000-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1L02)

IH11. MODEL 84-OTS, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
5	.60000	.10000*00	55.000	89.81	1.999	.2580-01	.1158	-8.743	-.1320-01
5	.60000	.20000	56.000	78.43	1.746	.2250-01	.8640-01	-8.773	-.9900-02
5	.60000	.40000	57.000	62.90	1.400	.1810-01	.4640-01	-8.813	-.5300-02
5	.60000	.60000	58.000	57.17	1.272	.1640-01	.3160-01	-8.828	-.3600-02
5	.60000	.80000	59.000	59.05	1.314	.1700-01	.3640-01	-8.823	-.4100-02
5	.60000	.99000	60.000	56.22	1.251	.1620-01	.2910-01	-8.830	-.3300-02

IH11, MODEL 84-OTS, WING LOWER SURFACE

(RG1L02)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
5	.60000	.10000+00	55.000	48.58	1.081	.1400-01	.9400-02	-8.848	-.1100-02
5	.60000	.20000	56.000	59.69	1.328	.1720-01	.3810-01	-8.820	-.4300-02
5	.60000	.40000	57.000	60.44	1.345	.1740-01	.4000-01	-8.818	-.4500-02
5	.60000	.60000	58.000	63.36	1.410	.1820-01	.4750-01	-8.810	-.5400-02
5	.60000	.80000	59.000	47.55	1.058	.1370-01	.6700-02	-8.851	-.8000-03
5	.60000	.99000	60.000	34.09	.7586	.9800-02	-.2800-01	-8.886	.3100-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING LOWER SURFACE

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(RG1L02)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
5	.60000	.10000*00	55.000	62.53	1.391	.1800-01	.4540-01	-8.812	-.5100-02
5	.60000	.20000	56.000	61.96	1.379	.1780-01	.4390-01	-8.814	-.5000-02
5	.60000	.40000	57.000	52.27	1.163	.1500-01	.1890-01	-8.839	-.2100-02
5	.60000	.60000	58.000	74.57	1.660	.2140-01	.7650-01	-8.781	-.8700-02
5	.60000	.80000	59.000	56.69	1.262	.1630-01	.3030-01	-8.827	-.3400-02
5	.60000	.99000	60.000	40.03	.8907	.1150-01	-.1270-01	-8.870	.1400-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS, WING LOWER SURFACE

WING.LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
1	.60000	.10000+00	55.000	75.24	.6554	.3870-01	-.7910-01	-3.740	.2110-01
1	.60000	.20000	56.000	72.42	.6308	.3720-01	-.8470-01	-3.745	.2260-01
1	.60000	.40000	57.000	125.2	1.090	.6430-01	.2070-01	-3.640	-.5700-02
1	.60000	.60000	58.000	136.5	1.189	.7020-01	.4350-01	-3.617	-.1200-01
1	.60000	.80000	59.000	120.0	1.045	.6170-01	.1030-01	-3.650	-.2800-02
1	.60000	.99000	60.000	62.62	.5454	.3220-01	-.1043	-3.765	.2770-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING LOWER SURFACE

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(RG1L03)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-1.193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO.	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP/SI
1	.60000	.10000*00	55.000	93.69	.8158	.4820-01	-.4230-01	-3.702	.1140-01
1	.60000	.20000	56.000	102.2	.8897	.5250-01	-.2530-01	-3.685	.6900-02
1	.60000	.40000	57.000	172.3	1.500	.8860-01	.1148	-3.544	-.3240-01
1	.60000	.60000	58.000	184.0	1.603	.9460-01	.1384	-3.521	-.3930-01
1	.60000	.80000	59.000	129.4	1.127	.6550-01	.2920-01	-3.630	-.8000-02
1	.60000	.99000	60.000	57.84	.5037	.2970-01	-.1140	-3.773	.3020-01

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
1	.60000	.10000*00	55.000	133.8	1.164	.6870-01	.3780-01	-3.622	-.1040-01
1	.60000	.20000	56.000	119.1	1.036	.6120-01	.8400-02	-3.651	-.2300-02
1	.60000	.40000	57.000	224.6	1.955	.1154	.2194	-3.440	-.6380-01
1	.60000	.60000	58.000	221.8	1.931	.1140	.2137	-3.446	-.6200-01
1	.60000	.80000	59.000	147.6	1.285	.590-01	.6540-01	-3.594	-.1820-01
1	.60000	.99000	60.000	56.10	.4883	.2880-01	-.1175	-3.777	.3110-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1L03)

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
7	.60000	.10000*00	55.000	63.67	.9398	.2600-01	-.9600-02	-5.632	.1700-02
7	.60000	.20000	56.000	49.19	.7262	.2010-01	-.4370-01	-5.666	.7700-02
7	.60000	.40000	57.000	95.43	1.409	.3890-01	.6530-01	-5.557	-.1180-01
7	.60000	.60000	58.000	99.37	1.467	.4050-01	.7460-01	-5.548	-.1340-01
7	.60000	.80000	59.000	72.03	1.063	.2340-01	.1010-01	-5.612	-.1800-02
7	.60000	.99000	60.000	34.72	.5126	.1420-01	-.7790-01	-5.700	.1370-01

IH11, MODEL 84-OTS, WING LOWER SURFACE

(RG1L03)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
7	.60000	.10000+00	55.000	66.17	.9760	.2700-01	-.3800-01	-5.626	.7000-03
7	.60000	.20000	56.000	52.72	.7775	.2150-01	-.3560-01	-5.657	.6300-02
7	.60000	.40000	57.000	101.5	1.498	.4140-01	.7950-01	-5.542	-.1440-01
7	.60000	.60000	58.000	104.6	1.544	.4270-01	.8690-01	-5.535	-.1570-01
7	.60000	.80000	59.000	73.51	1.084	.3000-01	.1350-01	-5.608	-.2400-02
7	.60000	.99000	60.000	30.14	.4445	.1230-01	-.8880-01	-5.711	.1550-01

IH11. MODEL 84-OTS, WING LOWER SURFACE

(RGIL03)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
7	.60000	.10000*00	55.000	83.59	1.233	.3410-01	.3720-01	-5.582	-.6700-02
7	.60000	.20000	56.000	79.64	1.175	.3250-01	.2790-01	-5.592	-.5000-02
7	.60000	.40000	57.000	128.8	1.899	.5250-01	.1437	-5.476	-.2620-01
7	.60000	.60000	58.000	131.8	1.943	.5370-01	.1508	-5.469	-.2760-01
7	.60000	.80000	59.000	86.42	1.274	.3520-01	.4390-01	-5.576	-.7900-02
7	.60000	.99000	60.000	34.48	.5085	.1410-01	-.7860-01	-5.698	.1380-01

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
7	.60000	.10000*00	55.000	83.93	1.237	.3420-01	.3790-01	-5.582	-.6800-02
7	.60000	.20000	56.000	78.94	1.164	.3220-01	.2620-01	-5.594	-.4700-02
7	.60000	.40000	57.000	129.3	1.906	.5270-01	.1448	-5.475	-.2650-01
7	.60000	.60000	58.000	131.3	1.935	.5350-01	.1495	-5.470	-.2730-01
7	.60000	.80000	59.000	86.37	1.273	.3520-01	.4370-01	-5.576	-.7800-02
7	.60000	.99000	60.000	34.24	.5047	.1400-01	-.7920-01	-5.699	.1390-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(S1)	CPI/SI
4	.60000	.10000+00	55.000	55.73	1.241	.1600-01	.2790-01	-8.832	-.3200-02
4	.60000	.20000	56.000	43.23	.9626	.1240-01	-.4300-02	-8.864	.5000-03
4	.60000	.40000	57.000	72.65	1.618	.2090-01	.7160-01	-8.788	-.8100-02
4	.60000	.60000	58.000	76.97	1.714	.2210-01	.8280-01	-8.777	-.9400-02
4	.60000	.80000	59.000	51.69	1.151	.1490-01	.1750-01	-8.842	-.2000-02
4	.60000	.99000	60.000	26.13	.5818	.7500-02	-.4850-01	-8.908	.5400-02

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP(SI)
4	.60000	.10000*00	55.000	48.55	1.080	.1400-01	.9300-02	-8.849	-.1100-02
4	.60000	.20000	56.000	46.29	1.030	.1330-01	.3500-02	-8.855	-.4000-03
4	.60000	.40000	57.000	71.69	1.595	.2060-01	.6900-01	-8.789	-.7900-02
4	.60000	.60000	58.000	69.62	1.549	.2000-01	.6370-01	-8.794	-.7200-02
4	.60000	.80000	59.000	48.55	1.080	.1400-01	.9300-02	-8.849	-.1100-02
4	.60000	.99000	60.000	23.91	.5320	.6900-02	-.5430-01	-8.912	.6100-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
4	.60000	.10000+00	55.000	53.95	1.201	.1550-01	.2330-01	-8.835	-.2600-02
4	.60000	.20000	56.000	58.46	1.301	.1680-01	.3490-01	-8.823	-.4000-02
4	.60000	.40000	57.000	87.42	1.946	.2510-01	.1096	-6.748	-.1250-01
4	.60000	.60000	58.000	84.98	1.891	.2440-01	.1033	-8.755	-.1180-01
4	.60000	.80000	59.000	56.20	1.251	.1620-01	.2910-01	-8.829	-.3300-02
4	.60000	.99000	60.000	26.77	.5958	.7700-02	.4690-01	-8.905	.5300-02

IHI1, MODEL 84-OTS, WING LOWER SURFACE

(RGIL04)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
10	.60000	.10000+00	55.000	174.6	1.518	.8960-01	.1189	-3.541	-.3360-01
10	.60000	.20000	56.000	162.3	1.411	.8330-01	.9430-01	-3.565	-.2640-01
10	.60000	.40000	57.000	150.6	1.309	.7730-01	.7100-01	-3.589	-.1980-01
10	.60000	.60000	58.000	251.5	2.187	.1291	.2724	-3.387	-.8040-01
10	.60000	.80000	59.000	242.9	2.111	.1246	.2552	-3.404	-.7500-01
10	.60000	.99000	60.000	116.1	1.009	.5960-01	.2100-02	-3.657	-.6000-03

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IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL B4-OYS. WING LOWER SURFACE

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(RG1L04)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
10	.60000	.10000+00	55.000	152.1	1.322	.7800-01	.7380-01	-3.586	..2060-01
10	.60000	.20000	56.000	145.1	1.261	.7440-01	.5990-01	-3.600	-.1660-01
10	.60000	.40000	57.000	127.0	1.104	.6520-01	.2390-01	-3.636	-.6600-02
10	.60000	.60000	58.000	165.8	1.441	.8510-01	.1012	-3.559	-.2840-01
10	.60000	.80000	59.000	210.9	1.833	.1082	.1912	-3.469	-.5510-01
10	.60000	.99000	60.000	112.4	.9773	.5770-01	-.5200-02	-3.665	.1400-02

IH11, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
10	.60000	.10000*00	55.000	124.9	1.086	.6410-01	.1970-01	-3.640	-.5400-02
10	.60000	.20000	56.000	129.5	1.126	.6650-01	.2890-01	-3.631	-.6000-02
10	.60000	.40000	57.000	112.1	.9745	.5750-01	-.5900-02	-3.666	-.1600-02
10	.60000	.60000	58.000	168.1	1.462	.8630-01	.1061	-3.554	-.2980-01
10	.60000	.80000	59.000	192.1	1.671	.5860-01	.1539	-3.506	-.4390-01
10	.60000	.99000	60.000	105.7	.9189	.5420-01	-.1860-01	-3.678	.5100-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, WING LOWER SURFACE

(RGIL05)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(S1)	CPI/SI
11	.60000	.10000+00	55.000	103.8	.9023	.5330-01	-.2240-01	-3.682	.6100-02
11	.60000	.20000	56.000	89.00	.7738	.4570-01	-.5190-01	-3.712	.1400-01
11	.60000	.40000	57.000	136.4	1.186	.7000-01	.4270-01	-3.617	-.1180-01
11	.60000	.60000	58.000	138.5	1.204	.7110-01	.4690-01	-3.613	-.1300-01
11	.60000	.80000	59.000	153.7	1.337	.890-01	.7730-01	-3.582	-.2160-01
11	.60000	.99000	60.000	93.33	.8115	.4790-01	-.4330-01	-3.703	.1170-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1. MODEL 84-OTS. WING LOWER SURFACE

PAGE 218
(RGIL05)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
11	.60000	.10000+00	55.000	124.8	1.086	.6410-01	.1970-01	-3.640	-.5400-02
11	.60000	.20000	56.000	108.1	.9402	.5550-01	.1370-01	-3.674	.3700-02
11	.60000	.40000	57.000	126.5	1.101	.6500-01	.2310-01	-3.637	-.6300-02
11	.60000	.60000	58.000	152.1	1.323	.7810-01	.7420-01	-3.586	-.2070-01
11	.60000	.80000	59.000	168.4	1.465	.8550-01	.1067	-3.553	-.3000-01
11	.60000	.99000	60.000	95.86	.8338	.4920-01	-.3810-01	-3.698	.1030-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OTS, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
11	.60000	.10000+00	55.000	156.5	1.361	.8030-01	.8280-01	-3.577	-.2320-01
11	.60000	.20000	56.000	135.1	1.174	.6930-01	.4000-01	-3.620	-.1100-01
11	.60000	.40000	57.000	126.0	1.096	.6470-01	.2190-01	-3.638	-.6000-02
11	.60000	.60000	58.000	211.3	1.837	.1084	.1922	-3.468	-.5540-01
11	.60000	.80000	59.000	242.8	2.111	.1246	.2549	-3.405	-.7490-01
11	.60000	.99000	60.000	93.54	.8132	.4800-01	-.4290-01	-3.703	.1160-01

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
12	.60000	.10000+00	55.000	133.4	1.160	.6850-01	.3670-01	-3.623	-.1010-01
12	.60000	.20000	56.000	117.7	1.024	.6040-01	.5500-02	-3.654	-.1500-02
12	.60000	.40000	57.000	223.5	1.149	.1149	.2173	-3.442	-.6310-01
12	.60000	.60000	58.000	223.3	1.942	.1146	.2162	-3.444	-.6280-01
12	.60000	.80000	59.000	146.0	1.269	.7490-01	.6180-01	-3.598	-.1720-01
12	.60000	.99000	60.000	55.66	.4839	.2860-01	-.1185	-3.778	.3140-01

RUN NUMBER	2Y/B	X/CM	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
12	.60000	.10000*00	55.000	95.34	.8295	.4900-01	-.3910-01	-3.699	.1060-01
12	.60000	.20000	56.000	104.2	.9065	.5350-01	-.2150-01	-3.681	.5800-02
12	.60000	.40000	57.000	170.6	1.485	.8760-01	.1112	-3.548	-.3140-01
12	.60000	.60000	58.000	183.8	1.599	.9440-01	.1376	-3.522	-.3910-01
12	.60000	.80000	59.000	127.0	1.105	.6520-01	.2400-01	-3.636	-.6600-02
12	.60000	.99000	60.000	58.07	.5052	.2980-01	-.1136	-3.773	.3010-01

TEST DATA

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
12	.60000	.10000+00	55.000	75.60	.6577	.3880-01	-.7860-01	-3.738	.2100-01
12	.60000	.20000	56.000	71.84	.6250	.3690-01	-.8610-01	-3.746	.2300-01
12	.60000	.40000	57.000	125.1	1.088	.6420-01	.2030-01	-3.639	-.5600-02
12	.60000	.60000	58.000	136.3	1.186	.7000-01	.4260-01	-3.617	-.1180-01
12	.60000	.80000	59.000	119.4	1.038	.6130-01	.8800-02	-3.651	-.2400-02
12	.60000	.99000	60.000	62.71	.5456	.3220-01	-.1043	-3.764	.2770-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0T, WING LOWER SURFACE

(R61L07)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
21	.60000	.10000+00	55.000	89.50	.7782	.4590-01	-.5090-01	-3.710	.1370-01
21	.60000	.20000	56.000	79.91	.6948	.4100-01	-.7010-01	-3.729	.1880-01
21	.60000	.40000	57.000	77.37	.6728	.3970-01	-.7510-01	-3.735	.2010-01
21	.60000	.60000	58.000	106.5	.9263	.5470-01	-.1690-01	-3.676	.4600-02
21	.60000	.80000	59.000	87.43	.7603	.4490-01	-.5500-01	-3.715	.1480-01
21	.60000	.99000	60.000	72.95	.6343	.3740-01	-.8400-01	-3.743	.2240-01

IH11, MODEL 84-0T, WING LOWER SURFACE

WING LOWER SURFACE

(RG1L07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
21	.60000	.10000+00	55.000	131.5	1.144	.6750-01	.3300-01	-3.627	-.9100-02
21	.60000	.20000	56.000	122.6	1.066	.6290-01	.1520-01	-3.644	-.4200-02
21	.60000	.40000	57.000	118.6	1.032	.6090-01	.7300-02	-3.652	-.2000-02
21	.60000	.60000	58.000	133.9	1.164	.6870-01	.3770-01	-3.622	-.1040-01
21	.60000	.80000	59.000	120.5	1.048	.6190-01	.1110-01	-3.648	-.3000-02
21	.60000	.99000	60.000	70.60	.6139	.3620-01	-.8860-01	-3.748	.2360-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /TT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
21	.60000	.10000+00	55.000	191.3	1.663	.9820-01	.1523	-3.507	-.4340-01
21	.60000	.20000	56.000	182.9	1.590	.9390-01	.1355	-3.524	-.3850-01
21	.60000	.40000	57.000	155.1	1.436	.8470-01	.1000+00	-3.560	-.2810-01
21	.60000	.60000	58.000	178.2	1.549	.9150-01	.1261	-3.533	-.3570-01
21	.60000	.80000	59.000	169.4	1.472	.8690-01	.1085	-3.551	-.3050-01
21	.60000	.99000	60.000	99.06	.8611	.5080-01	-.3190-01	-3.692	.8600-02

WING LOWER SURFACE

IHI1, MODEL 84-0T, WING LOWER SURFACE

(RGIL07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	R(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
16	.60000	.10000+00	55.000	135.3	1.991	.5510-01	.1584	-5.459	-.2900-01
16	.60000	.20000	56.000	122.6	1.805	.5000-01	.1288	-5.489	-.2350-01
16	.60000	.40000	57.000	114.0	1.678	.4540-01	.1084	-5.509	-.1970-01
16	.60000	.60000	58.000	99.59	1.466	.4060-01	.7450-01	-5.543	-.1340-01
16	.60000	.80000	59.000	97.52	1.435	.370-01	.6960-01	-5.548	-.1250-01
16	.60000	.99000	60.000	54.60	.8036	.2220-01	-.3140-01	-5.649	.5600-02

IH11, MODEL 84-OT, WING LOWER SURFACE

(RGIL07)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
16	.60000	.10000+00	55.000	90.79	1.338	.3700-01	.5410-01	-5.563	-.9700-02
16	.60000	.20000	56.000	80.91	1.192	.3300-01	.3080-01	-5.586	-.5500-02
16	.60000	.40000	57.000	72.35	1.066	.2950-01	.1060-01	-5.607	-.1900-02
16	.60000	.60000	58.000	69.71	1.028	.2840-01	.4400-02	-5.613	-.8000-03
16	.60000	.80000	59.000	68.49	1.009	.2790-01	.1500-02	-5.616	-.3000-03
16	.60000	.99000	60.000	41.38	.6099	.1690-01	-.6240-01	-5.680	.1100-01

IH11, MODEL 84-OT, WING LOWER SURFACE

(RGIL07)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
16	.60000	.10000*00	55.000	67.97	1.000	.2770-01	.1000-03	-5.618	.0000
16	.60000	.20000	56.000	56.30	.8287	.2290-01	-.2740-01	-5.645	.4900-02
16	.60000	.40000	57.000	49.62	.7304	.2020-01	-.4310-01	-5.661	.7600-02
16	.60000	.60000	58.000	57.24	.8425	.2330-01	-.2520-01	-5.643	.4500-02
16	.60000	.80000	59.000	53.86	.7927	.2190-01	-.3310-01	-5.651	.5900-02
16	.60000	.99000	62.000	41.81	.6154	.1700-01	-.6150-01	-5.679	.1080-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIL07)

IH11, MODEL 84-OT, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
15	.60000	.10000+00	55.000	58.00	1.292	.1670-01	.3390-01	-8.830	-.3800-02
15	.60000	.20000	56.000	47.37	1.056	.1360-01	.6400-02	-8.857	-.7000-03
15	.60000	.40000	57.000	40.60	.9046	.1170-01	-.1110-01	-8.875	.1200-02
15	.60000	.60000	58.000	34.96	.7789	.1010-01	-.2560-01	-8.889	.2900-02
15	.60000	.80000	59.000	38.53	.8585	.1110-01	-.1640-01	-8.880	.1800-02
15	.60000	.99000	60.000	27.34	.6091	.7900-02	-.4530-01	-8.909	.5100-02

IH11, MODEL 84-OT, WING LOWER SURFACE

(RG1L07)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	P1/FO	CP(I)	CP(SI)	CPI/SI
15	.60000	.10000+00	55.000	75.67	1.684	.2170-01	.7930-01	-8.784	-.9000-02
15	.60000	.20000	56.000	64.95	1.446	.1870-01	.5170-01	-8.812	-.5900-02
15	.60000	.40000	57.000	55.83	1.243	.1600-01	.2810-01	-8.835	-.3200-02
15	.60000	.60000	58.000	50.66	1.128	.1460-01	.1480-01	-8.849	-.1700-02
15	.60000	.80000	59.000	41.26	.9186	.1190-01	-.9400-02	-8.873	.1100-02
15	.60000	.99000	60.000	26.88	.5984	.7700-02	-.4650-01	-8.910	.5200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, WING LOWER SURFACE

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(RG1L07)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
15	.60000	.10000*00	55.000	105.5	2.351	.3030-01	.1565	-8.707	-.1800-01
15	.60000	.20000	56.000	90.08	2.007	.2590-01	.1167	-8.747	-.1330-01
15	.60000	.40000	57.000	82.55	1.839	.2370-01	.9730-01	-8.766	-.1110-01
15	.60000	.60000	58.000	76.81	1.711	.2210-01	.8240-01	-8.781	-9400-02
15	.60000	.80000	59.000	61.38	1.368	.1760-01	.4260-01	-8.821	-.1800-02
15	.60000	.99000	60.000	37.86	.8436	.1090-01	-.1810-01	-8.882	.2000-02

IHI1, MODEL 84-0T, WING LOWER SURFACE

(RG1L08)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
20	.60000	.10000*00	55.000	166.6	1.448	.8550-01	.1028	-3.557	-.2890-01
20	.60000	.20000	56.000	147.6	1.283	.7570-01	.6490-01	-3.595	-.1810-01
20	.60000	.40000	57.000	155.6	1.352	.7980-01	.8080-01	-3.579	-.2260-01
20	.60000	.60000	58.000	195.7	1.700	.1004	.1608	-3.499	-.4600-01
20	.60000	.80000	59.000	145.7	1.265	-.470-01	.6100-01	-3.599	-.1690-01
20	.60000	.99000	60.000	80.18	.6966	.4110-01	-.6960-01	-3.729	.1870-01

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
20	.60000	.10000+00	55.000	101.1	.8788	.5190-01	-.2780-01	-3.687	.7500-02
20	.60000	.20000	56.000	96.29	.8371	.4940-01	-.3740-01	-3.697	.1010-01
20	.60000	.40000	57.000	109.7	.9533	.5630-01	-.1070-01	-3.670	.2900-02
20	.60000	.60000	58.000	135.3	1.176	.6940-01	.4040-01	-3.619	-.1120-01
20	.60000	.80000	59.000	99.77	.8674	.5120-01	-.3050-01	-3.690	.8300-02
20	.60000	.99000	60.000	60.99	.5302	.3130-01	-.1079	-3.767	.2860-01

IH11, MODEL 84-OT, WING LOWER SURFACE

(RG1L08)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
20	.60000	.10000+00	55.000	63.89	.5552	.3280-01	-.1021	-3.762	.2710-01
20	.60000	.20000	56.000	55.14	.4792	.2830-01	-.1196	-3.779	.3160-01
20	.60000	.40000	57.000	87.11	.7570	.4470-01	-.5580-01	-3.715	.1500-01
20	.60000	.60000	58.000	96.89	.8420	.4970-01	-.3630-01	-3.696	.9800-02
20	.60000	.80000	59.000	66.90	.5814	.3430-01	-.9610-01	-3.756	.2560-01
20	.60000	.99000	60.000	53.64	.4661	.2750-01	-.1226	-3.782	.3240-01

IH11, MODEL 84-OT, WING LOWER SURFACE

(RG1L08)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
17	.60000	.10000+00	55.000	45.52	.6699	.1850-01	-.5280-01	-5.671	.9300-02
17	.60000	.20000	56.000	37.52	.5522	.1530-01	-.7160-01	-5.690	.1260-01
17	.60000	.40000	57.000	34.03	.5009	.1390-01	-.7980-01	-5.698	.1400-01
17	.60000	.60000	58.000	60.40	.8889	.2460-01	-.1780-01	-5.636	.3200-02
17	.60000	.80000	59.000	39.96	.5882	.1630-01	-.6580-01	-5.684	.1160-01
17	.60000	.99000	60.000	31.21	.4533	.1270-01	-.8640-01	-5.705	.1520-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-0T, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-3186-01	X10 6 1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(I/SI)	CP1/S1
17	.60000	.10000+00	55.000	65.04	.9572	.2650-01	-.6800-02	-5.625	.1200-02
17	.60000	.20000	56.000	60.80	.8949	.2480-01	-.1680-01	-5.635	.3000-02
17	.60000	.40000	57.000	51.49	.7578	.2100-01	-.3870-01	-5.657	.6800-02
17	.60000	.60000	58.000	81.22	1.195	.7310-01	.3120-01	-5.587	-.5600-02
17	.60000	.80000	59.000	59.11	.8700	.2410-01	-.2080-01	-5.639	.3700-02
17	.60000	.99000	60.000	32.30	.4753	.1320-01	-.8390-01	-5.702	.1470-01

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
17	.60000	.10000*00	55.000	106.9	1.574	.4350-01	.9170-01	-5.527	-.1660-01
17	.60000	.20000	56.000	91.96	1.353	.3740-01	.5650-01	-5.562	-.1020-01
17	.60000	.40000	57.000	88.39	1.301	.3600-01	.4810-01	-5.571	-.8600-02
17	.60000	.60000	58.000	115.6	1.701	.4710-01	.1121	-5.507	-.2040-01
17	.60000	.80000	59.000	85.75	1.262	.3490-01	.4190-01	-5.577	-.7500-02
17	.60000	.99000	60.000	46.80	.6887	.1910-01	-.4980-01	-5.668	.8800-02

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
14	.60000	.10000+00	55.000	79.96	1.782	.2300-01	.9060-01	-8.776	-.1030-01
14	.60000	.20000	56.000	68.76	1.533	.1980-01	.6170-01	-8.805	-.7000-02
14	.60000	.40000	57.000	61.62	1.373	.1770-01	.4320-01	-6.823	-.4900-02
14	.60000	.60000	58.000	81.56	1.818	.2340-01	.9470-01	-8.772	-.1080-01
14	.60000	.80000	59.000	58.42	1.302	.1380-01	.3500-01	-8.832	-.4000-02
14	.60000	.99000	60.000	30.95	.6838	.8900-02	-.3590-01	-8.903	.4000-02

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
14	.60000	.10000*00	55.000	51.53	1.149	.1480-01	.1730-01	-8.849	-.2000-02
14	.60000	.20600	56.000	42.79	.9541	.1230-01	-.5300-02	-8.871	.6000-03
14	.60000	.40000	57.000	39.12	.8723	.1130-01	-.1480-01	-8.881	.1700-02
14	.60000	.60000	58.000	54.54	1.216	.1570-01	.2510-01	-8.841	-.6800-02
14	.60000	.80000	59.000	40.44	.9017	.1160-01	-.1140-01	-8.877	.1300-02
14	.60000	.99000	60.000	22.94	.5116	.6600-02	-.5660-01	-8.923	.5300-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OT, WING LOWER SURFACE

DATE 01 OCT 80

PARAMETRIC DATA

WING, LOWER SURFACE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP/SI
14	.60000	.10000+00	55.000	37.87	.8438	.1090-01	-.1810-01	-8.883	.2000-02
14	.60000	.20000	56.000	29.68	.6615	.8500-02	-.3920-01	-8.904	.4400-02
14	.60000	.40000	57.000	24.32	.5420	.7000-02	-.5310-01	-8.918	.6000-02
14	.60000	.60000	58.000	41.34	.9214	.1190-01	-.9100-02	-8.874	.1000-02
14	.60000	.80000	59.000	28.55	.6363	.8200-02	-.4210-01	-8.907	.4700-02
14	.60000	.99000	60.000	21.03	.4687	.6000-02	-.6160-01	-8.926	.6900-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(R61L09)

IH11, MODEL 84-0T, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
19	.60000	.10000+00	55.000	47.04	.4087	.2410-01	-.1358	-3.795	.3580-01
19	.60000	.20000	56.000	56.45	.4904	.2890-01	-.1170	-3.777	.3100-01
19	.60000	.40000	57.000	77.43	.6726	.3970-01	-.7520-01	-3.735	.2010-01
19	.60000	.60000	58.000	59.84	.5198	.3070-01	-.1102	-3.770	.2920-01
19	.60000	.80000	59.000	56.73	.4929	.2910-01	-.1164	-3.776	.3080-01
19	.60000	.99000	60.000	58.61	.5092	.3010-01	-.1127	-3.772	.2990-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0T, WING LOWER SURFACE

(RG1L09)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
19	.6000	.10000+00	55.000	84.37	.7331	.4330-01	-.6130-01	-3.721	.1650-01
19	.60000	.20000	56.000	79.01	.6864	.4050-01	-.7200-01	-3.732	.1930-01
19	.60000	.40000	57.000	144.9	1.259	.7430-01	.5950-01	-3.600	-.1650-01
19	.60000	.60000	58.000	144.8	1.258	.7430-01	.5930-01	-3.600	-.1650-01
19	.60000	.80000	59.000	99.06	.8607	.5080-01	-.3200-01	-3.692	.8700-02
19	.60000	.99000	60.000	54.53	.4738	.2800-01	-.1208	-3.780	.3200-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, WING LOWER SURFACE

(RGIL09)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
19	.60000	.10000-00	55.000	147.2	1.279	.7550-01	.6400-01	-3.596	-.1780-01
19	.60000	.20000	56.000	134.0	1.164	.6870-01	.3770-01	-3.622	-.1040-01
19	.60000	.40000	57.000	216.0	1.876	.1107	.2011	-3.459	-.5810-01
19	.60000	.60000	58.000	189.4	1.646	.9710-01	.1482	-3.512	-.4220-01
19	.60000	.80000	59.000	126.6	1.100	.6490-01	.2290-01	-3.637	-.6300-02
19	.60000	.99000	60.000	61.46	.5338	.3150-01	-.1070	-3.767	.2840-01

IH11, MODEL 84-OT, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P1/P PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
18	.6000	.10000*00	55.000	86.81	1.278	.3530-01	.4440-01	-5.574	-.8000-02
18	.60000	.20000	56.000	75.51	1.111	.3080-01	.1780-01	-5.600	-.3200-02
18	.60000	.40000	57.000	113.4	1.757	.4860-01	.1210	-5.497	-.2200-01
18	.60000	.60000	58.000	115.3	1.697	.4700-01	.1115	-5.507	-.2020-01
18	.60000	.80000	59.000	75.70	1.114	.3080-01	.1820-01	-5.600	-.3300-02
18	.60000	.99000	60.000	36.28	.5339	.1480-01	-.7450-01	-5.693	.1310-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OT. WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
18	.60000	.10000+00	55.000	49.66	.7319	.2030-01	-.4290-01	-5.661	.7600-02
18	.60000	.20000	56.000	46.08	.6792	.1880-01	-.5130-01	-5.669	.9000-02
18	.60000	.40000	57.000	71.20	1.049	.2900-01	.7900-02	-5.610	-.1400-02
18	.60000	.60000	58.000	73.74	1.087	.7010-01	.1390-01	-5.604	-.2500-02
18	.60000	.80000	59.000	56.24	.8290	.2290-01	-.2730-01	-5.646	.4800-02
18	.60000	.99000	60.000	30.75	.4533	.1250-01	-.8740-01	-5.706	.1530-01

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
18	.60000	.10000+00	55.000	42.77	.6302	.1740-01	-.5910-01	-5.677	.1040-01
18	.60000	.20000	56.000	52.54	.7742	.2140-01	-.3610-01	-5.654	.6400-02
18	.60000	.40000	57.000	42.86	.6316	.1750-01	-.5890-01	-5.677	.1040-01
18	.60000	.60000	58.000	30.45	.4487	.1240-01	-.8810-01	-5.706	.1540-01
18	.60000	.80000	59.000	26.41	.3892	.1080-01	-.9770-01	-5.716	.1710-01
18	.60000	.99000	60.000	26.22	.3864	.1070-01	-.9810-01	-5.716	.1720-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-QT. WING LOWER SURFACE

(RG1L09)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
13	.60000	.10000*00	55.000	25.22	.5618	.7200-02	-.5080-01	-8.920	.5700-02
13	.60000	.20000	56.000	29.08	.6477	.8300-02	-.4080-01	-8.911	.4600-02
13	.60000	.40000	57.000	29.36	.6540	.8400-02	-.4010-01	-8.910	.4500-02
13	.60000	.60000	58.000	23.34	.5199	.6700-02	-.5560-01	-8.925	.6200-02
13	.60000	.80000	59.000	18.36	.4089	.5300-02	-.6850-01	-8.938	.7700-02
13	.60000	.99000	60.000	16.38	.3650	.4700-02	-.7360-01	-8.943	.8200-02

IH11, MODEL 84-OT, WING LOWER SURFACE

(RG1L09)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP(SI)
13	.60000	.10000+00	55.000	34.96	.7793	.1010-01	-.2550-01	-8.893	.2900-02
13	.60000	.20000	56.000	30.83	.6876	.8900-02	-.3620-01	-9.904	.4100-02
13	.60000	.40000	57.000	32.80	.7316	.9400-02	-.3110-01	-6.899	.3500-02
13	.60000	.60000	58.000	45.02	1.004	.1290-01	.5000-03	-8.867	-.1000-03
13	.60000	.80000	59.000	36.00	.8029	.1040-01	-.2280-01	-8.891	.2600-02
13	.60000	.99000	60.000	19.56	.4362	.5600-02	-.6530-01	-8.933	.7300-02

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480	44.87	387.4	210.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
13	.60000	.10000+00	55.000	53.04	1.405	.1810-01	.4690-01	-8.821	-.5300-02
13	.60000	.20000	56.000	53.64	1.195	.1540-01	.2260-01	-8.845	-.2600-02
13	.60000	.40000	57.000	68.41	1.524	.1970-01	.6080-01	-8.807	-.6900-02
13	.60000	.60000	58.000	82.42	1.837	.2370-01	.9690-01	-8.771	-.1110-01
13	.60000	.80000	59.000	50.72	1.130	.1460-01	.1510-01	-8.853	-.1700-02
13	.60000	.99000	60.000	23.44	.5224	.6700-02	-.5530-01	-8.923	.6200-02

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-5.012	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
30	.60000	.10000+00	55.000	80.32	.6982	.4120-01	-.6930-01	-3.729	.1860-01
30	.60000	.20000	56.000	70.06	.6090	.3600-01	-.8980-01	-3.749	.2390-01
30	.60000	.40000	57.000	64.22	.5583	.3300-01	-.1014	-3.761	.2700-01
30	.60000	.60000	58.000	55.94	.4863	.2870-01	-.1179	-3.777	.3120-01
30	.60000	.80000	59.000	39.37	.3423	.2020-01	-.1510	-3.810	.3960-01
30	.60000	.99000	60.000	39.46	.3431	.2030-01	-.1508	-3.810	.3960-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

(RG1L10)

IH11. MODEL 84-0. WING LOWER SURFACE

WING, LOWER SURFACE

PAPAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/S1
30	.60000	.10000+00	55.000	119.7	1.041	.6150-01	.9400-02	-3.650	-.2600-02
30	.60000	.20000	56.000	107.9	.9385	.5540-01	-.1410-01	-3.673	.3800-02
30	.60000	.40000	57.000	101.5	.8829	.5210-01	-.2690-01	-3.686	.7300-02
30	.60000	.60000	58.000	95.97	.8346	.4930-01	-.3800-01	-3.697	.1030-01
30	.60000	.80000	59.000	72.81	.6332	.3740-01	-.8420-01	-3.743	.2250-01
30	.60000	.99000	60.000	48.71	.4236	.2500-01	-.1323	-3.792	.3490-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL10)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
30	.60000	.10000*00	55.000	187.5	1.630	.9620-01	.1446	-3.515	-.4110-01
30	.60000	.20000	56.000	171.6	1.492	.8810-01	.1130	-3.546	-.3190-01
30	.60000	.40000	57.000	160.7	1.397	.8250-01	.9120-01	-3.568	-.2560-01
30	.60000	.60000	58.000	149.6	1.301	.7580-01	.6910-01	-3.590	-.1920-01
30	.60000	.80000	59.000	113.1	.9835	.6810-01	-.3800-02	-3.663	.1000-02
30	.60000	.99000	60.000	64.11	.5574	.3290-01	-.1016	-3.761	.2700-01

IH11, MODEL 84-0, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
25	.60000	.10000+00	55.000	131.9	1.944	.5380-01	.1509	-5.466	-.2760-01
25	.60000	.20000	56.000	115.0	1.695	.4690-01	.1112	-5.506	-.2020-01
25	.60000	.40000	57.000	104.0	1.533	.4240-01	.8520-01	-5.532	-.1540-01
25	.60000	.60000	58.000	94.52	1.393	.3860-01	.6280-01	-5.554	-.1130-01
25	.60000	.80000	59.000	68.82	1.014	.2810-01	.2300-02	-5.615	-.4000-03
25	.60000	.99000	60.000	35.41	.5218	.1440-01	-.7650-01	-5.694	.1340-01

IH11, MODEL 84-O, WING LOWER SURFACE

(RGIL10)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-.7372-01	1.972	2451.	67.84	424.3	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
25	.60000	.10000+00	55.000	84.25	1.242	.3440-01	.3870-01	-5.579	-.6900-02
25	.60000	.20000	56.000	71.80	1.058	.2930-01	.9300-02	-5.608	-.1700-02
25	.60000	.40000	57.000	63.13	.9306	.2580-01	-.1110-01	-5.629	.2000-02
25	.60000	.60000	58.000	56.44	.8319	.2300-01	-.2690-01	-5.644	.4800-02
25	.60000	.80000	59.000	41.07	.6054	.1680-01	-.6310-01	-5.681	.1110-01
25	.60000	.99000	60.000	27.11	.3997	.1110-01	-.9600-01	-5.714	.1680-01

WING LOWER SURFACE

IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL10)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(5)	CP1/S1
25	.60000	.10000+00	55.000	59.99	.8847	.2450-01	-.1840-01	-5.636	.3300-02
25	.60000	.20000	56.000	50.01	.7376	.2040-01	-.4200-01	-5.659	.7400-02
25	.60000	.40000	57.000	42.58	.6280	.1740-01	-.5950-01	-5.677	.1050-01
25	.60000	.60000	58.000	36.28	.5350	.1480-01	-.7440-01	-5.692	.1310-01
25	.60000	.80000	59.000	25.74	.3796	.1050-01	-.9820-01	-5.717	.1740-01
25	.60000	.99000	60.000	21.60	.3186	.8800-02	-.1090	-5.726	.1900-01

IH11. MODEL 84-C. WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-5.052	1.818	3476.	44.88	387.2	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/SI
24	.60000	.10000+00	55.000	49.29	1.098	.1420-01	.1140-01	-8.849	-.1300-02
24	.60000	.20000	56.000	39.79	.8865	.1140-01	-.1310-01	-8.874	.1500-02
24	.60000	.40000	57.000	32.74	.7294	.9400-02	-.3140-01	-8.892	.3500-02
24	.60000	.60000	58.000	26.90	.5994	.7700-02	-.4640-01	-8.907	.5200-02
24	.60000	.80000	59.000	18.25	.4066	.5300-02	-.6880-01	-8.929	.7700-02
24	.60000	.99000	60.000	15.52	.3459	.4500-02	-.7580-01	-8.937	.8500-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL10)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-.6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
24	.6000	.1000+00	55.000	71.52	1.593	.2060-01	.6880-01	-8.792	-.7800-02
24	.6000	.2000	56.000	58.34	1.300	.1680-01	.3470-01	-8.825	-.3900-02
24	.6000	.4000	57.000	50.43	1.124	.1450-01	.1430-01	-8.847	-.1600-02
24	.6000	.6000	58.000	42.80	.9536	.1230-01	-.5400-02	-8.866	.6000-03
24	.6000	.8000	59.000	28.96	.6452	.8300-02	-.4110-01	-8.902	.4600-02
24	.6000	.9900	60.000	19.64	.4376	.5600-02	-.6520-01	-8.926	.7300-02

IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL10)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	2Y/8	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
24	.60000	.10000+00	55.000	109.1	2.431	.3140-01	.1659	-8.694	-.1910-01
24	.60000	.20000	56.000	93.13	2.075	.2680-01	.1246	-8.735	-.1430-01
24	.60000	.40000	57.000	80.14	1.785	.2310-01	.9100-01	-6.769	-.1040-01
24	.60000	.60000	58.000	70.72	1.576	.2030-01	.6670-01	-8.793	-.7600-02
24	.60000	.80000	59.000	49.73	1.108	.1430-01	.1250-01	-8.847	-.1400-02
24	.60000	.99000	60.000	24.13	.5376	.6900-02	-.5360-01	-8.913	.6000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL11)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP(SI)
29	.60000	.10000+00	55.000	181.9	1.582	.9340-01	.1336	-3.526	-.3790-01
29	.60000	.20000	56.000	163.7	1.423	.8400-01	.9710-01	-3.562	-.2730-01
29	.60000	.40000	57.000	155.1	1.349	.7960-01	.8010-01	-3.579	-.2240-01
29	.60000	.60000	58.000	149.1	1.296	.7550-01	.6810-01	-3.591	-.1890-01
29	.60000	.80000	59.000	113.9	.9907	.5850-01	-.2100-02	-3.662	.6000-03
29	.60000	.99000	60.000	62.13	.5402	.3190-01	-.1056	-3.765	.2800-01

IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL11)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-.6774-01	2.154	1948.	115.0	501.0	288.8

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	F1/FO	CPI(I)	CP(SI)	CPI/SI
29	.60000	.10000+00	55.000	114.9	.9991	.5900-01	-.2000-03	-3.660	.1000-03
29	.60000	.20000	56.000	109.4	.9508	.5610-01	-.1130-01	-3.671	.3100-02
29	.60000	.40000	57.000	104.8	.9115	.5380-01	-.2030-01	-3.680	.5500-02
29	.60000	.60000	58.000	101.4	.8812	.5200-01	-.2730-01	-3.687	.7400-02
29	.60000	.80000	59.000	77.27	.6718	.3970-01	-.7540-01	-3.735	.2020-01
29	.60000	.99000	60.000	54.21	.4713	.2780-01	-.1214	-3.781	.3210-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, WING LOWER SURFACE

WING, LOWER SURFACE

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(RGIL11)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
29	.60000	.10000+00	55.000	69.94	.6081	.3590-01	-.9000-01	-3.749	.2400-01
29	.60000	.20000	56.000	62.05	.5394	.3180-01	-.1057	-3.765	.2810-01
29	.60000	.40000	57.000	57.72	.5018	.2960-01	-.1144	-3.774	.3030-01
29	.60000	.60000	58.000	55.74	.4846	.2860-01	-.1183	-3.778	.3130-01
29	.60000	.80000	59.000	49.91	.4340	.2560-01	-.1300	-3.789	.3430-01
29	.60000	.99000	60.000	51.32	.4462	.2630-01	-.1271	-3.787	.3360-01

IHI1, MODEL 84-0, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-5.050	1.975	2454.	67.91	424.7	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CP1/S1
26	.60000	.10000+00	55.000	48.75	.7179	.1990-01	-.4510-01	-5.663	.8000-02
26	.60000	.20000	56.000	40.48	.5960	.1650-01	-.6460-01	-5.682	.1140-01
26	.60000	.40000	57.000	34.64	.5102	.1410-01	-.7830-01	-5.696	.1380-01
26	.60000	.60000	58.000	29.56	.4354	.1200-01	-.9030-01	-5.708	.1580-01
26	.60000	.80000	59.000	21.57	.3176	.8800-02	-.1091	-5.727	.1910-01
26	.60000	.99000	60.000	21.85	.3218	.8900-02	-.1084	-5.726	.1890-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-.6176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
26	.60000	.10000+00	55.000	72.42	1.067	.2950-01	.1070-01	-5.607	-.1900-02
26	.60000	.20000	56.000	62.99	.9282	.2570-01	-.1150-01	-5.629	.2000-02
26	.60000	.40000	57.000	57.53	.8477	.2350-01	-.2440-01	-5.642	.4300-02
26	.60000	.60000	58.000	54.14	.7977	.2210-01	-.3240-01	-5.650	.5700-02
26	.60000	.80000	59.000	40.38	.5950	.1650-01	-.6480-01	-5.683	.1140-01
26	.60000	.99000	60.000	26.34	.3881	.1070-01	-.9780-01	-5.716	.1710-01

WING, LOWER SURFACE

IH11, MODEL 84-O, WING LOWER SURFACE

(RGIL11)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
26	.60000	.10000*00	55.000	121.7	1.793	.4960-01	.1268	-5.491	-.2310-01
26	.60000	.20000	56.000	105.0	1.548	.4280-01	.8760-01	-5.530	-.1580-01
26	.60000	.40000	57.000	96.76	1.426	.3950-01	.6810-01	-5.550	-.1230-01
26	.60000	.60000	58.000	89.14	1.314	.3640-01	.5020-01	-5.567	-.9000-02
26	.60000	.80000	59.000	65.35	.9630	.2670-01	-.5900-02	-5.624	.1100-02
26	.60000	.99000	60.000	33.47	.4932	.1360-01	-.8100-01	-5.699	.1420-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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WING, LOWER SURFACE

IH11, MODEL 84-O, WING LOWER SURFACE

(RGIL11)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/SI
23	.60000	.10000+00	55.000	96.21	2.144	.2770-01	.1326	-8.731	-.1520-01
23	.60000	.20000	56.000	81.25	1.811	.2340-01	.9400-01	-8.769	-.1070-01
23	.60000	.40000	57.000	71.37	1.591	.2050-01	.6850-01	-8.795	-.7800-02
23	.60000	.60000	58.000	64.22	1.431	.1850-01	.5000-01	-8.813	-.5700-02
23	.60000	.80000	59.000	45.40	1.012	.1310-01	.1400-02	-8.862	-.2000-03
23	.60000	.99000	60.000	21.78	.4856	.6300-02	-.5960-01	-8.923	.6700-02

IH11. MODEL 84-0. WING LOWER SURFACE

(R01L11)

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-.7372-01	1.825	3478.	44.89	387.4	212.1

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
23	.60000	.10000*00	55.000	58.40	1.301	.1680-01	.3490-01	-8.828	-.3900-02
23	.60000	.20000	56.000	47.46	1.057	.1360-01	.6600-02	-8.856	-.7000-03
23	.60000	.40000	57.000	40.76	.9080	.1170-01	-.1070-01	-8.873	.1200-02
23	.60000	.60000	58.000	36.89	.8219	.1060-01	-.2060-01	-8.883	.2300-02
23	.60000	.80000	59.000	25.67	.5718	.1400-02	-.4960-01	-8.913	.5600-02
23	.60000	.99000	60.000	15.96	.3554	.4600-02	-.7470-01	-8.938	.8400-02

WING LOWER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-5.054	1.824	3478.	44.89	387.3	212.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
23	.60000	.10000+00	55.000	37.83	.8429	.1090-01	-.1820-01	-8.891	.2100-02
23	.60000	.20000	56.000	30.50	.6794	.8800-02	-.3720-01	-8.900	.4200-02
23	.60000	.40000	57.000	24.48	.5453	.7000-02	-.5270-01	-8.915	.5900-02
23	.60000	.60000	58.000	20.24	.4510	.5900-02	-.6360-01	-8.926	.7100-02
23	.60000	.80000	59.000	15.16	.3378	.4400-02	-.7670-01	-8.939	.8600-02
23	.60000	.99000	60.000	14.60	.3252	.4200-02	-.7820-01	-8.941	.8700-02

IH11, MODEL 84-0, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	R(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
28	.60000	.10000+00	55.000	66.64	.5790	.3420-01	-.9660-01	-3.756	.2570-01
28	.60000	.20000	56.000	60.62	.5267	.3110-01	-.1087	-3.768	.2880-01
28	.60000	.40000	57.000	72.01	.6257	.3690-01	-.8590-01	-3.745	.2290-01
28	.60000	.60000	58.000	77.28	.6715	.3960-01	-.7540-01	-3.735	.2020-01
28	.60000	.80000	59.000	61.00	.5300	.3130-01	-.1079	-3.767	.2860-01
28	.60000	.99000	60.000	57.89	.5030	.2970-01	-.1141	-3.773	.3020-01

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-.5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
28	.60000	.10000+00	55.000	121.6	1.057	.6240-01	.1320-01	-3.646	-.3600-02
28	.60000	.20000	56.000	112.3	.9785	.5760-01	-.5400-02	-3.665	.1500-02
28	.60000	.40000	57.000	113.9	.9904	.5850-01	-.2200-02	-3.662	.6000-03
28	.60000	.60000	58.000	111.2	.9666	.5710-01	-.7700-02	-3.667	.2100-02
28	.60000	.80000	59.000	82.77	.7196	.4250-01	-.6440-01	-3.724	.1730-01
28	.60000	.99000	60.000	60.09	.5224	.3080-01	-.1096	-3.769	.2910-01

IH11, MODEL 84-0, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
28	.60000	.10000+00	55.000	181.5	1.577	.9310-01	.1325	-3.527	-.3760-01
28	.60000	.20000	56.000	164.9	1.433	.8460-01	.9940-01	-3.560	-.2790-01
28	.60000	.40000	57.000	155.6	1.352	.7980-01	.8080-01	-3.579	-.2260-01
28	.60000	.60000	58.000	148.9	1.294	.7640-01	.6750-01	-3.592	-.1880-01
28	.60000	.80000	59.000	112.2	.9756	.5760-01	-.5600-02	-3.665	.1500-02
28	.60000	.99000	60.000	62.26	.5411	.3190-01	-.1054	-3.765	.2800-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-O, WING LOWER SURFACE

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(I51)	CP1/S1
27	.60000	.10000+00	55.000	113.3	1.669	.4620-01	.1070	-5.511	-.1940-01
27	.60000	.20000	56.000	99.20	1.461	.4040-01	.7380-01	-5.544	-.1330-01
27	.60000	.40000	57.000	93.27	1.374	.3800-01	.5980-01	-5.558	-.1080-01
27	.60000	.60000	58.000	88.19	1.299	.3600-01	.4780-01	-5.570	-.8600-02
27	.60000	.80000	59.000	64.00	.9428	.2610-01	-.9100-02	-5.627	.1600-02
27	.60000	.99000	60.000	34.45	.5075	.1400-01	-.7880-01	-5.696	.1380-01

IH11, MODEL 84-0, WING LOWER SURFACE

(RGIL12)

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	.5393-01	1.976	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
27	.60000	.10000+00	55.000	71.42	1.053	.2910-01	.8400-02	-5.609	-.1500-02
27	.60000	.20000	56.000	63.98	.9432	.2610-01	-.9100-02	-5.627	.1600-02
27	.60000	.40000	57.000	60.22	.8877	.2460-01	-.1800-01	-5.636	.3200-02
27	.60000	.60000	58.000	58.81	.8669	.2400-01	-.2130-01	-5.639	.3800-02
27	.60000	.80000	59.000	44.59	.6574	.1820-01	-.5480-01	-5.673	.9700-02
27	.60000	.99000	60.000	30.10	.4437	.1230-01	-.8890-01	-5.707	.1560-01

IH11, MOLEL 84-0, WING LOWER SURFACE

WING, LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
27	.60000	.10000+00	55.000	43.34	.6389	.1770-01	-.5770-01	-5.675	.1020-01
27	.60000	.20000	56.000	36.01	.5307	.1470-01	-.7500-01	-5.693	.1320-01
27	.60000	.40000	57.000	32.34	.4766	.1320-01	-.8370-01	-5.701	.1470-01
27	.60000	.60000	58.000	35.06	.5168	.1430-01	-.7730-01	-5.695	.1360-01
27	.60000	.80000	59.000	29.51	.4350	.1200-01	-.9030-01	-5.708	.1580-01
27	.60000	.99000	60.000	26.97	.3976	.1100-01	-.9630-01	-5.714	.1690-01

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
22	.60000	.10000*00	55.000	31.44	.7012	.9000-02	-.3460-01	-8.906	.3900-02
22	.60000	.20000	56.000	24.95	.5565	.7200-02	-.5140-01	-8.923	.5800-02
22	.60000	.40000	57.000	20.81	.4642	.6000-02	-.6210-01	-8.933	.6900-02
22	.60000	.60000	58.000	21.00	.4684	.6000-02	-.6160-01	-8.933	.6900-02
22	.60000	.80000	59.000	18.37	.4096	.6300-02	-.6840-01	-8.940	.7600-02
22	.60000	.99000	60.000	17.14	.3824	.4900-02	-.7150-01	-8.943	.8000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-0. WING LOWER SURFACE

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WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-.1991-01	1.834	3477.	44.85	387.1	211.3

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
22	.60000	.10000+00	55.000	53.19	1.186	.1530-01	.2150-01	-8.844	-.2400-02
22	.60000	.20000	56.000	44.52	.9927	.1280-01	-.8000-03	-8.866	.1000-03
22	.60000	.40000	57.000	40.00	.8918	.1150-01	-.1250-01	-8.878	.1400-02
22	.60000	.60000	58.000	37.83	.8435	.1090-01	-.1810-01	-8.883	.2000-02
22	.60000	.80000	59.000	27.47	.6125	-.300-02	-.4490-01	-8.910	.5000-02
22	.60000	.99000	60.000	15.88	.3541	.4600-02	-.7480-01	-8.940	.8400-02

WING LOWER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CPI/SI
22	.60000	.10000+00	55.000	88.23	1.966	.2540-01	.1119	-8.752	-.1280-01
22	.60000	.20000	56.000	73.73	1.643	.2120-01	.7450-01	-8.790	-.8500-02
22	.60000	.40000	57.000	66.30	1.477	.1910-01	.5530-01	-8.809	-.6300-02
22	.60000	.60000	58.000	61.40	1.368	.1770-01	.4270-01	-8.821	-.4800-02
22	.60000	.80000	59.000	44.08	.9822	.1270-01	-.2100-02	-8.866	.2000-03
22	.60000	.99000	60.000	21.77	.4851	.6300-02	-.5970-01	-8.924	.6700-02

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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IHI1, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
3	.60000	.10000+00	61.000	245.6	2.139	.1263	.2616	-3.398	-.7700-01
3	.60000	.20000	62.000	144.5	1.259	.7430-01	.5940-01	-3.600	-.1650-01
3	.60000	.40000	63.000	69.47	.6051	.3570-01	-.9070-01	-3.750	-.2420-01
3	.60000	.60000	64.000	50.80	.4424	.2510-01	-.1280	-3.787	-.3380-01
3	.60000	.80000	65.000	54.00	.4704	.2780-01	-.1216	-3.781	-.3220-01
3	.60000	.99000	66.000	82.29	.7168	.4230-01	-.6500-01	-3.725	-.1750-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING UPPER SURFACE

PARAMETRIC DATA

WING, UPPER SURFACE

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
3	.60000	.10000+00	61.000	217.5	1.894	.1118	.2052	-3.454	-.5940-01
3	.60000	.20000	62.000	123.5	1.075	.6350-01	.1730-01	-3.642	-.4700-02
3	.60000	.40000	63.000	57.11	.4972	.2940-01	-.1154	-3.775	.3050-01
3	.60000	.60000	64.000	39.10	.3404	.2010-01	-.1514	-3.811	.3970-01
3	.60000	.80000	65.000	38.91	.3388	.2000-01	-.1518	-3.811	.3980-01
3	.60000	.99000	66.000	66.26	.5769	.3410-01	-.9710-01	-3.757	.2590-01

IH11, MODEL 84-OTS, WING UPPER SURFACE

(RGIU01)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
3	.60000	.10000+00	61.000	193.0	1.680	.9920-01	.1561	-3.503	-.4460-01
3	.60000	.20000	62.000	105.2	.9162	.5410-01	-.1920-01	-3.679	.5200-02
3	.60000	.40000	63.000	47.09	.4100	.2420-01	-.1355	-3.795	.3570-01
3	.60000	.60000	64.000	31.16	.2713	.1600-01	-.1673	-3.827	.4370-01
3	.60000	.80000	65.000	31.07	.2705	.1600-01	-.1675	-3.827	.4380-01
3	.60000	.99000	66.000	41.53	.3616	.2130-01	-.1466	-3.806	.3850-01

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
9	.60000	.10000+00	61.000	145.3	2.143	.5930-01	.1828	-5.434	-.3360-01
9	.60000	.20000	62.000	80.52	1.188	.3290-01	.3000-01	-5.587	-.5400-02
9	.60000	.40000	63.000	34.87	.5143	.1420-01	-.7770-01	-5.694	.1360-01
9	.60000	.60000	64.000	21.97	.3240	.9000-02	-.1081	-5.725	.1890-01
9	.60000	.80000	65.000	19.52	.2879	.6000-02	-.1139	-5.731	.1990-01
9	.60000	.99000	66.000	33.55	.4948	.1370-01	-.8080-01	-5.697	.1420-01

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
9	.60000	.10000+00	61.000	199.3	2.940	.8130-01	.3101	-5.309	-.5840-01
9	.60000	.20000	62.000	114.9	1.694	.4690-01	.1109	-5.508	-.2010-01
9	.60000	.40000	63.000	52.49	.7742	.2140-01	-.3610-01	-5.655	.6400-02
9	.60000	.60000	64.000	36.22	.5342	.1480-01	-.7450-01	-5.693	.1310-01
9	.60000	.80000	65.000	35.09	.5175	.1430-01	-.7710-01	-5.696	.1350-01
9	.60000	.99000	66.000	49.95	.7367	.2040-01	-.4210-01	-5.661	.7400-02

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CPI(I)	CP(SI)	CP1/SI
9	.60000	.10000+00	61.000	172.5	2.545	.7040-01	.2471	-5.372	-.4600-01
9	.60000	.20000	62.000	97.41	1.438	.3980-01	.7000-01	-5.549	-.1260-01
9	.60000	.40000	63.000	42.58	.6285	.1740-01	-.5940-01	-5.578	.1050-01
9	.60000	.60000	64.000	27.91	.4120	.1140-01	-.9400-01	-5.713	.1650-01
9	.60000	.80000	65.000	25.94	.3828	.1060-01	-.9870-01	-5.717	.1730-01
9	.60000	.99000	66.000	40.32	.5952	.1650-01	-.6470-01	-5.683	.1140-01

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
9	.60000	.10000+00	61.000	143.4	2.114	.5850-01	.1780	-5.441	-.3270-01
9	.60000	.20000	62.000	79.50	1.172	.3240-01	.2750-01	-5.591	-.4900-02
9	.60000	.40000	63.000	34.28	.5054	.1400-01	-.7910-01	-5.698	.1390-01
9	.60000	.60000	64.000	21.77	.3210	.0900-02	-.1086	-5.727	.1900-01
9	.60000	.80000	65.000	19.33	.2850	-.300-02	-.1143	-5.733	.1990-01
9	.60000	.99000	66.000	34.18	.5040	.1390-01	-.7930-01	-5.698	.1390-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
6	.60000	.10000+00	61.000	175.3	3.902	.5040-01	.3364	-8.521	-.3950-01
6	.60000	.20000	62.000	98.05	2.183	.2820-01	.1371	-8.721	-.1570-01
6	.60000	.40000	63.000	43.30	.9640	.1250-01	-.4200-02	-6.862	.5000-03
6	.60000	.60000	64.000	30.32	.6750	.8700-02	-.3770-01	-8.896	.4200-02
6	.60000	.80000	65.000	26.94	.5996	.7700-02	-.4640-01	-8.904	.5200-02
6	.60000	.99000	66.000	36.91	.8216	.1060-01	-.2070-01	-8.879	.2300-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-.5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
6	.60000	.10000+00	61.000	143.8	3.202	.4140-01	.2553	-8.602	-.2970-01
6	.60000	.20000	62.000	80.40	1.790	.2310-01	.9160-01	-8.765	-.1050-01
6	.60000	.40000	63.000	35.81	.7973	.1030-01	-.2350-01	-8.881	.2600-02
6	.60000	.60000	64.000	23.58	.5250	.6900-02	-.5510-01	-8.912	.6200-02
6	.60000	.80000	65.000	20.94	.4663	.6000-02	-.6190-01	-8.919	.6900-02
6	.60000	.99000	66.000	31.10	.6925	.8900-02	-.3560-01	-8.893	.4000-02

C-S

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	2Y/8	X/CW	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
6	.60000	.10000*00	61.000	106.3	2.368	.3060-01	.1585	-8.699	-.1820-01
6	.60000	.20000	62.000	61.01	1.359	.1760-01	.4160-01	-8.815	-.4700-02
6	.60000	.40000	63.000	27.03	.6021	.7800-02	-.4610-01	-8.903	.5200-02
6	.60000	.60000	64.000	17.99	.4008	.5200-02	-.6950-01	-8.926	.7800-02
6	.60000	.80000	65.000	16.11	.3589	.4600-02	-.7430-01	-8.931	.8300-02
6	.60000	.99000	66.000	24.86	.5539	.7200-02	-.5170-01	-8.909	.5800-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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ORIGINAL PAGE IS
OF POOR QUALITY

IH11. MODEL 84-OTS, WING UPPER SURFACE

(R61U02)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
2	.60000	.10000+00	61.000	156.4	1.362	.8040-01	.8310-01	-3.576	-.2320-01
2	.60000	.20000	62.000	83.35	.7259	.4290-01	-.6290-01	-3.722	.1690-01
2	.60000	.40000	63.000	36.78	.3203	.1890-01	-.1560	-3.816	.4090-01
2	.60000	.60000	64.000	23.78	.2071	.1220-01	-.1820	-3.842	.4740-01
2	.60000	.80000	65.000	24.15	.2103	.1240-01	-.1813	-3.841	.4720-01
2	.60000	.99000	66.000	61.10	.5321	.3140-01	-.1074	-3.767	.2850-01

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
2	.60000	.10000+00	61.000	171.5	1.493	.8810-01	.1132	-3.546	-.3190-01
2	.60000	.20000	62.000	95.08	.8279	.4890-01	-.3950-01	-3.699	.1070-01
2	.60000	.40000	63.000	43.49	.3787	.2240-01	-.1427	-3.802	.3750-01
2	.60000	.60000	64.000	30.19	.2629	.1550-01	-.1692	-3.829	.4420-01
2	.60000	.80000	65.000	32.46	.2826	.1670-01	-.1647	-3.824	.4310-01
2	.60000	.99000	66.000	85.37	.7433	.4390-01	-.5890-01	-3.718	.1590-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RGIU02)

IHI1. MODEL 84-OTS. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
1	.60000	.10000+00	61.000	198.5	1.728	.1020	.1672	-3.492	-.4790-01
2	.60000	.20000	62.000	119.0	1.036	.6120-01	.6300-02	-3.651	-.2300-02
2	.60000	.40000	63.000	60.83	.5296	.3130-01	-.1080	-3.768	.2870-01
2	.60000	.60000	64.000	47.84	.4164	.2460-01	-.1340	-3.794	.3530-01
2	.60000	.80000	65.000	53.68	.4672	.2760-01	-.1223	-3.782	.3230-01
2	.60000	.99000	66.000	93.33	.8124	.4800-01	-.4310-01	-3.703	.1160-01

IH11, MODEL 84-OTS, WING UPPER SURFACE

(R01U02)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/P0	CP(1)	CP(S1)	CPI/SI
8	.60000	.10000+00	61.000	114.8	1.691	.4680-01	.1105	-5.509	-.2010-01
8	.60000	.20000	62.000	59.61	.8782	.2430-01	-.1950-01	-5.639	.3500-02
8	.60000	.40000	63.000	24.55	.3616	.1000-01	-.1021	-5.721	.1780-01
8	.60000	.60000	64.000	15.33	.2259	.6200-02	-.1238	-5.743	.2150-01
8	.60000	.80000	65.000	13.64	.2010	.5500-02	-.1277	-5.747	.2220-01
8	.60000	.99000	66.000	35.17	.5181	.1430-01	-.7700-01	-5.696	.1350-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING UPPER SURFACE

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(RG1U02)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP(SI)
8	.60000	.10000*00	61.000	130.7	1.928	.5330-01	.1483	-5.470	-.2710-01
8	.60000	.20000	62.000	73.05	1.077	.2980-01	.1240-01	-5.607	-.2200-02
8	.60000	.40000	63.000	31.46	.4640	.1280-01	-.8570-01	-5.705	.1500-01
8	.60000	.60000	64.000	20.17	.2975	.9200-02	-.1123	-5.731	.1960-01
8	.60000	.80000	65.000	19.04	.2808	-.800-02	-.1150	-5.734	.2010-01
8	.60000	.99000	66.000	40.12	.5916	.1640-01	-.6530-01	-5.684	.1150-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
8	.60000	.10000*00	61.000	153.1	2.261	.6250-01	.2016	-5.417	-.3720-01
8	.60000	.20000	62.000	88.76	1.310	.3630-01	.4960-01	-5.569	-.8900-02
8	.60000	.40000	63.000	43.26	.6386	.1770-01	-.5780-01	-5.676	.1020-01
8	.60000	.60000	64.000	31.79	.4693	.1300-01	-.8480-01	-5.703	.1490-01
8	.60000	.80000	65.000	30.57	.4513	.1250-01	-.8770-01	-5.706	.1540-01
8	.60000	.99000	66.000	43.17	.6372	.1760-01	-.5800-01	-5.677	.1020-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIU02)

IH11. MODEL 84-OTS. WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
5	.60000	.10000+00	61.000	90.28	2.009	.2600-01	.11170	-8.742	-.1340-01
5	.60000	.20000	62.000	47.00	1.046	.1350-01	.5400-02	-8.854	-.6000-03
5	.60000	.40000	63.000	20.66	.4598	.5900-02	-.6260-01	-8.922	.7000-02
5	.60000	.60000	64.000	14.07	.3133	.4000-02	-.7960-01	-8.939	.8900-02
5	.60000	.80000	55.000	12.85	.2860	.3700-02	-.8280-01	-8.942	.9300-02
5	.60000	.99000	66.000	22.45	.4936	.6500-02	-.5800-01	-8.917	.6500-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, WING UPPER SURFACE

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(RG1U02)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
5	.60000	.10000+00	61.000	104.6	2.328	.3010-01	.1539	-8.704	-.1770-01
5	.60000	.20000	62.000	57.24	1.274	.1650-01	.3180-01	-8.826	-.3600-02
5	.60000	.40000	63.000	24.86	.5533	.7100-02	.5180-01	-6.909	.5800-02
5	.60000	.60000	64.000	16.67	.3711	.4800-02	-.7290-01	-8.931	.8200-02
5	.60000	.80000	65.000	15.54	.3459	.4500-02	.7580-01	-8.934	.8500-02
5	.60000	.99000	66.000	26.84	.5973	.7700-02	-.4670-01	-8.904	.5200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U02)

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
5	.60000	.10000*00	61.000	129.1	2.872	.3710-01	.2171	-8.641	-.2510-01
5	.60000	.20000	62.000	72.32	1.609	.2080-01	.7060-01	-8.787	-.8000-02
5	.60000	.40000	63.000	31.74	.7064	.9100-02	-.3400-01	-8.892	.3800-02
5	.60000	.60000	64.000	21.20	.4718	.6100-02	-.6120-01	-8.919	.6900-02
5	.60000	.80000	65.000	20.45	.4550	.5300-02	-.6320-01	-8.921	.7100-02
5	.60000	.99000	66.000	28.07	.6247	.8100-02	-.4350-01	-8.901	.4900-02

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1-11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

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(RG1U03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
1	.60000	.10000+00	61.000	177.4	1.545	.9120-01	.1252	-3.536	-.3540-01
1	.60000	.20000	62.000	114.0	.9933	.5860-01	-.1500-02	-3.662	.4000-03
1	.60000	.40000	63.000	64.41	.5610	.3310-01	-.1007	-3.762	.2680-01
1	.60000	.60000	64.000	53.20	.4634	.2730-01	-.1232	-3.78*	.3250-01
1	.60000	.80000	65.000	57.53	.5020	.1960-01	-.1143	-3.775	.3030-01
1	.60000	.99000	66.000	94.45	.8227	.4850-01	-.4070-01	-3.701	.1100-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-1.193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
1	.60000	.10000+00	61.000	134.3	1.170	.6910-01	.3900-01	-3.620	-.1080-01
1	.60000	.20000	62.000	76.90	.6696	.3950-01	-.7590-01	-3.735	.2030-01
1	.60000	.40000	63.000	39.73	.3460	.2040-01	-.1502	-3.810	.3940-01
1	.60000	.60000	64.000	33.70	.2934	.1730-01	-.1622	-3.822	.4250-01
1	.60000	.80000	65.000	39.35	.3427	.020-01	-.1509	-3.810	.3960-01
1	.60000	.99000	66.000	71.52	.6228	.3680-01	-.8660-01	-3.746	.2310-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U03)

IHI1, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
1	.60000	.10000+00	61.000	119.2	1.037	.6120-01	.8600-02	-3.651	-.2300-02
1	.60000	.20000	62.000	62.79	.5466	.3230-01	-.1041	-3.764	.2770-01
1	.60000	.40000	63.000	28.10	.2446	.1440-01	-.1734	-3.833	.4520-01
1	.60000	.60000	64.000	18.77	.1634	.0600-02	-.1921	-3.852	.4990-01
1	.60000	.80000	65.000	29.70	.2586	.1530-01	-.1702	-3.830	.4440-01
1	.60000	.99000	66.000	49.12	.4276	.2520-01	-.1314	-3.791	.3470-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U03)

IH11. MODEL 84-OTS. WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
7	.60000	.10000*00	61.000	120.8	1.783	.4930-01	.1252	-5.497	-.2280-01
7	.60000	.20000	62.000	67.33	.9939	.2750-01	-.1000-02	-5.623	.2000-03
7	.60000	.40000	63.000	34.35	.5071	.1400-01	-.7880-01	-5.701	.1380-01
7	.60000	.60000	64.000	26.64	.3933	.1090-01	-.9690-01	-5.719	.1700-01
7	.60000	.80000	65.000	27.77	.4100	.1130-01	-.9430-01	-5.717	.1650-01
7	.60000	.99000	66.000	45.15	.6666	.1840-01	-.5330-01	-5.676	.9400-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-.3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
7	.60000	.10000+00	61.000	92.04	1.358	.3750-01	.5710-01	-5.565	-.1030-01
7	.60000	.20000	62.000	48.67	.7179	.1980-01	-.4510-01	-5.667	.8000-02
7	.60000	.40000	63.000	21.57	.3182	.8800-02	-.1090	-5.731	.1900-01
7	.60000	.60000	64.000	14.89	.2197	.6100-02	-.1247	-5.747	.2170-01
7	.60000	.80000	65.000	15.84	.2336	.6500-02	-.1225	-5.744	.2130-01
7	.60000	.99000	66.000	32.21	.4750	.1310-01	-.8390-01	-5.706	.1470-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, WING UPPER SURFACE

(RG1U03)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
7	.60000	.10000*00	61.000	81.71	1.205	.3330-01	.3280-01	-5.587	-.5900-02
7	.60000	.20000	62.000	42.01	.6195	.1710-01	-.6080-01	-5.681	.1070-01
7	.60000	.40000	63.000	17.26	.2545	.7000-02	-.1192	-5.739	.2080-01
7	.60000	.60000	64.000	10.67	.1574	.4400-02	-.1347	-5.754	.2340-01
7	.60000	.80000	65.000	13.40	.1977	.5500-02	-.1283	-5.748	.2270-01
7	.60000	.99000	66.000	29.21	.4308	.1190-01	-.9100-01	-5.711	.1590-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U03)

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
7	.60000	.10000*00	61.000	81.67	1.204	.3330-01	.3260-01	-5.587	-.5800-02
7	.60000	.20000	62.000	41.86	.6171	.1710-01	-.6120-01	-5.681	.1080-01
7	.60000	.40000	63.000	17.01	.2508	.6900-02	-.1198	-5.739	.2090-01
7	.60000	.60000	64.000	10.52	.1551	.4300-02	-.1351	-5.755	.2350-01
7	.60000	.80000	65.000	13.06	.1925	.5300-02	-.1291	-5.749	.2250-01
7	.60000	.99000	66.000	28.87	.4256	.1180-01	-.9180-01	-5.711	.1610-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CP1/SI
4	.60000	.10000+00	61.000	93.80	2.088	.2700-01	.1262	-8.733	-.1440-01
4	.60000	.20000	62.000	52.35	1.166	.1510-01	.1730-01	-8.840	-.2200-02
4	.60000	.40000	63.000	23.50	.5232	.6800-02	-.5530-01	-8.915	.6200-02
4	.60000	.60000	64.000	15.98	.3558	.4500-02	-.7470-01	-8.934	.8400-02
4	.60000	.80000	65.000	17.01	.3788	.4300-02	-.7200-01	-8.931	.8100-02
4	.60000	.99000	66.000	25.47	.5671	.7300-02	-.5020-01	-8.910	.5600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U03)

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
4	.60000	.10000+00	61.000	70.94	1.579	.2040-01	.6710-01	-8.791	-.7600-02
4	.60000	.20000	62.000	40.18	.8941	.1150-01	-.1230-01	-8.870	.1400-02
4	.60000	.40000	63.000	18.07	.4022	.5200-02	-.6930-01	-6.927	.7800-02
4	.60000	.60000	64.000	12.71	.2829	.7700-02	-.8310-01	-8.941	.9300-02
4	.60000	.80000	65.000	12.15	.2703	.3500-02	-.8460-01	-8.943	.9500-02
4	.60000	.99000	66.000	19.77	.4399	.5700-02	-.8490-01	-8.923	.7300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
4	.60000	.10000+00	61.000	58.08	1.293	.1670-01	.3390-01	-8.824	-.3800-02
4	.60000	.20000	62.000	30.72	.6837	.8800-02	-.3670-01	-8.895	.4100-02
4	.60000	.40000	63.000	15.39	.3426	.4400-02	-.7620-01	-6.934	.8500-02
4	.60000	.60000	64.000	11.16	.2484	.3200-02	-.8710-01	-8.945	.9700-02
4	.60000	.80000	65.000	12.01	.2673	.3500-02	-.8490-01	-8.943	.9500-02
4	.60000	.99000	66.000	19.34	.4305	.5600-02	-.6600-01	-8.924	.7400-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U04)

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
10	.60000	.10000+00	61.000	194.7	1.693	.9990-01	.1590	-3.501	-.4540-01
10	.60000	.20000	62.000	106.0	.9217	.5440-01	-.1800-01	-3.678	.4900-02
10	.60000	.40000	63.000	46.76	.4065	.2400-01	-.1362	-3.796	.3590-01
10	.60000	.60000	64.000	31.06	.2700	.1590-01	-.1676	-3.827	.4380-01
10	.60000	.80000	65.000	30.30	.2634	.1560-01	-.1691	-3.829	.4420-01
10	.60000	.99000	66.000	42.72	.3714	.2190-01	-.1443	-3.804	.3790-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PAGE 307
(R61U04)

IHI1, MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
10	.60000	.10000+00	61.000	219.5	1.907	.1126	.2083	-3.452	-.6030-01
10	.60000	.20000	62.000	123.2	1.071	.6320-01	.1620-01	-3.644	-.4400-02
10	.60000	.40000	63.000	57.21	.4972	.2930-01	-.1154	-3.775	.3060-01
10	.60000	.60000	64.000	39.33	.3418	.2020-01	-.1511	-3.811	.3960-01
10	.60000	.80000	65.000	39.71	.3451	.2040-01	-.1504	-3.810	.3950-01
10	.60000	.99000	66.000	66.34	.5765	.3400-01	-.9720-01	-3.757	.2590-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
 IHI1. MODEL 84-OTS. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
10	.60000	.10000*00	61.000	247.2	2.150	.1269	.2640	-3.396	-.7770-01
10	.60000	.20000	62.000	145.3	1.263	.7460-01	.6040-01	-3.599	-.1680-01
10	.60000	.40000	63.000	70.12	.6097	.3600-01	-.8960-01	-3.749	.2390-01
10	.60000	.60000	64.000	51.77	.4502	.2660-01	-.1262	-3.786	.3330-01
10	.60000	.80000	65.000	55.25	.4804	.2840-01	-.1193	-3.779	.3160-01
10	.60000	.99000	66.000	89.36	.7422	.4380-01	-.5920-01	-3.719	.1590-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
11	.60000	.10000*00	61.000	199.9	1.738	.1026	.1694	-3.490	-.4850-01
11	.60000	.20000	62.000	119.0	1.035	.6110-01	.8000-02	-3.652	-.2200-02
11	.60000	.40000	63.000	61.24	.5324	.3140-01	-.1073	-3.767	.2850-01
11	.60000	.60000	64.000	47.69	.4146	.2450-01	-.1344	-3.794	.3540-01
11	.60000	.80000	65.000	54.37	.4727	.2790-01	-.1211	-3.781	.3200-01
11	.60000	.99000	66.000	93.42	.8123	.4790-01	-.4310-01	-3.703	.1160-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U05)

IH11, MODEL 84-OTS, WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
11	.60000	.10000+00	61.000	172.0	1.497	.8830-01	.1140	-3.546	-.3220-01
11	.60000	.20000	62.000	94.83	.8248	.4870-01	-.4020-01	-3.700	.1090-01
11	.60000	.40000	63.000	43.75	.3806	.2250-01	-.1422	-3.802	.3740-01
11	.60000	.60000	64.000	30.30	.2636	.1560-01	-.1691	-3.829	.4420-01
11	.60000	.80000	65.000	32.74	.2848	.1680-01	-.1642	-3.824	.4290-01
11	.60000	.99000	66.000	87.49	.7610	.4490-01	-.5490-01	-3.715	.1480-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
11	.60000	.10000+00	61.000	157.7	1.371	.8090-01	.8530-01	-3.574	-.2390-01
11	.60000	.20000	62.000	83.09	.7223	.4260-01	-.6380-01	-3.724	.1710-01
11	.60000	.40000	63.000	36.29	.3155	.1860-01	-.1571	-3.817	.4120-01
11	.60000	.60000	64.000	23.40	.2034	.1200-01	-.1829	-3.843	.4760-01
11	.60000	.80000	65.000	23.58	.2050	.1210-01	-.1825	-3.842	.4750-01
11	.60000	.99000	66.000	61.81	.5373	.3170-01	-.1062	-3.766	.2820-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-OTS. WING UPPER SURFACE

(RG1U06)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
12	.60000	.10000*00	61.000	119.4	1.038	.6130-01	.8700-02	-3.651	-.2400-02
12	.60000	.20000	62.000	62.34	.5420	.3200-01	-.1051	-3.765	.2790-01
12	.60000	.40000	63.000	27.62	.2401	.1420-01	-.1744	-3.834	.4550-01
12	.60000	.60000	64.000	18.12	.1575	.9300-02	-.1934	-3.853	.5020-01
12	.60000	.80000	65.000	31.19	.2712	.1600-01	-.1673	-3.827	.4370-01
12	.60000	.99000	66.000	50.48	.4389	.2590-01	-.1288	-3.789	.3400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-OTS. WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
12	.60000	.10000*00	61.000	135.5	1.179	.6960-01	.4110-01	-3.618	-.1140-01
12	.60000	.20000	62.000	76.43	.6649	.3920-01	-.7690-01	-3.737	.2060-01
12	.60000	.40000	63.000	39.78	.3374	.1990-01	-.1521	-3.812	.3990-01
12	.60000	.60000	64.000	33.32	.2899	.1710-01	-.1630	-3.823	.4260-01
12	.60000	.80000	65.000	39.82	.3464	.2040-01	-.1501	-3.810	.3940-01
12	.60000	.99000	66.000	71.53	.6223	.3670-01	-.8670-01	-3.746	.2310-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS, WING UPPER SURFACE

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(RG1U06)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST CONDITIONS

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
12	.60000	.10000+00	61.000	177.7	1.546	.9130-01	.1253	-3.534	-.3550-01
12	.60000	.20000	62.000	113.8	.9901	.5840-01	-.2300-02	-3.662	.6000-03
12	.60000	.40000	63.000	62.99	.5481	.3240-01	-.1038	-3.763	.2760-01
12	.60000	.60000	64.000	52.08	.4531	.2670-01	-.1256	-3.785	.3320-01
12	.60000	.80000	65.000	56.60	.4924	.2310-01	-.1165	-3.776	.3090-01
12	.60000	.99000	66.000	93.48	.8133	.4800-01	-.4290-01	-3.702	.1160-01

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WING_UPPER SURFACE

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0T, WING UPPER SURFACE

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(RG1U07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CFI/S1
21	.60000	.10000*00	61.000	268.2	2.332	.1377	.3058	-3.354	-.9120-01
21	.60000	.20000	62.000	164.1	1.427	.8420-01	.9800-01	-3.562	-.2750-01
21	.60000	.40000	63.000	84.99	.7390	.4360-01	-.5990-01	-3.719	.1610-01
21	.60000	.60000	64.000	64.11	.5575	.2290-01	-.1016	-3.761	.2700-01
21	.60000	.80000	65.000	63.64	.5534	.2270-01	-.1025	-3.762	.2730-01
21	.60000	.99000	66.000	77.75	.6760	.3990-01	-.7440-01	-3.734	.1990-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
21	.60000	.10000*00	61.000	226.0	1.966	.1160	.2217	-3.438	-.6450-01
21	.60000	.20000	62.000	129.1	1.123	.6630-01	.2810-01	-3.631	-.7700-02
21	.60000	.40000	63.000	60.54	.5264	.3110-01	-.1087	-3.768	.2890-01
21	.60000	.60000	64.000	41.91	.3645	.2150-01	-.1459	-3.805	.3830-01
21	.60000	.80000	65.000	39.94	.3473	.2050-01	-.1498	-3.809	.3930-01
21	.60000	.99000	66.000	54.61	.4749	.2800-01	-.1206	-3.780	.3190-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
21	.60000	.10000+00	61.000	186.4	1.621	.9570-01	.1425	-3.517	-.4050-01
21	.60000	.20000	62.000	99.53	.8652	.5110-01	-.3090-01	-3.690	.8400-02
21	.60000	.40000	63.000	43.89	.3816	.2250-01	-.1420	-3.802	.3730-01
21	.60000	.60000	64.000	29.21	.2539	.1500-01	-.1713	-3.831	.4470-01
21	.60000	.80000	65.000	27.04	.2351	.1390-01	-.1756	-3.835	.4580-01
21	.60000	.99000	66.000	46.53	.4045	.2390-01	-.1367	-3.796	.3600-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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IHI1, MODEL 84-OT, WING UPPER SURFACE

(RG1U07)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	X10.6 1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
16	.60000	.10000+00	61.000	138.3	2.035	.5630-01	.1655	-5.452	-.3040-01
16	.60000	.20000	62.000	74.55	1.097	.3040-01	.1560-01	-5.602	-.2800-02
16	.60000	.40000	63.000	32.19	.4739	.1310-01	-.8410-01	-5.702	.1480-01
16	.60000	.60000	64.000	20.52	.3021	.8400-02	-.1116	-5.729	.1950-01
16	.60000	.80000	65.000	18.36	.2702	.7500-02	-.1167	-5.734	.2040-01
16	.60000	.99000	66.000	27.86	.4101	.1140-01	-.9430-01	-5.712	.1650-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-0T, WING UPPER SURFACE

WING-UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
16	.60000	.10000*00	61.000	179.7	2.649	.7330-01	.2637	-5.354	-.4930-01
16	.60000	.20000	62.000	98.42	1.450	.4010-01	.7200-01	-5.545	-.1300-01
16	.60000	.40000	63.000	41.67	.6141	.1700-01	-.6170-01	-5.679	.1090-01
16	.60000	.60000	64.000	27.08	.3991	.1100-01	-.9610-01	-5.713	.1680-01
16	.60000	.80000	65.000	25.01	.3686	.1020-01	-.1010	-5.718	.1770-01
16	.60000	.99000	66.000	33.48	.4934	.1370-01	-.8100-01	-5.698	.1420-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OT, WING UPPER SURFACE

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(RG1U07)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
16	.60000	.10000+00	61.000	209.8	3.087	.8540-01	.3337	-5.284	-.6320-01
16	.60000	.20000	62.000	121.3	1.786	.4940-01	.1256	-5.492	-.2290-01
16	.60000	.40000	63.000	56.40	.8301	.2300-01	-.2720-01	-5.645	.4800-02
16	.60000	.60000	64.000	39.27	.5780	.1500-01	-.6750-01	-5.686	.1190-01
16	.60000	.80000	65.000	37.86	.5573	.1540-01	-.7080-01	-5.689	.1240-01
16	.60000	.99000	66.000	45.86	.6750	.1870-01	-.5200-01	-5.670	.9200-02

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
15	.60000	.10000+00	61.000	184.0	4.100	.5290-01	.3592	-8.504	-.4220-01
15	.60000	.20000	62.000	102.3	2.279	.2940-01	.1482	-8.715	-.1700-01
15	.60000	.40000	63.000	47.65	1.062	.1370-01	.7200-02	-8.856	-.8000-03
15	.60000	.60000	64.000	29.78	.6636	.P600-02	-.3900-01	-8.903	.4400-02
15	.60000	.80000	65.000	26.30	.5861	-.600-02	-.4800-01	-8.911	.5400-02
15	.60000	.99000	66.000	28.84	.6427	.8300-02	-.4140-01	-8.905	.4600-02

IH11. MODEL 84-OT. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
15	.60000	.10000+00	61.000	147.9	3.291	.4250-01	.2655	-8.598	-.3090-01
15	.60000	.20000	62.000	79.24	1.764	.2280-01	.8850-01	-8.775	-.1010-01
15	.60000	.40000	63.000	32.90	.7324	.9500-02	-.3100-01	-6.894	.3500-02
15	.60000	.60000	64.000	20.87	.4645	.6000-02	-.6210-01	-8.925	.7000-02
15	.60000	.80000	65.000	18.52	.4122	.5300-02	-.6810-01	-8.931	.7600-02
15	.60000	.99000	66.000	23.31	.5189	.6700-02	-.5570-01	-8.919	.6300-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
15	.60000	.10000+00	61.000	108.1	2.410	.3110-01	.1633	-8.700	-.1880-01
15	.60000	.20000	62.000	53.95	1.202	.1550-01	.2340-01	-8.840	-.2600-02
15	.60000	.40000	63.000	21.87	.4872	.6300-02	-.5940-01	-8.923	.6700-02
15	.60000	.60000	64.000	14.06	.3132	.4000-02	-.7960-01	-8.943	.8900-02
15	.60000	.80000	65.000	12.74	.2838	.3700-02	-.8300-01	-8.946	.9300-02
15	.60000	.99000	66.000	18.67	.4159	.5400-02	-.6770-01	-8.931	.7600-02

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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IHI1, MODEL 84-0T, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(1) PSFA	P1/P	PI/FO	CP(1)	CP(SI)	CP1/SI
20	.60000	.10000*00	61.000	152.3	1.324	.7810-01	.7430-01	-3.585	-.2070-01
20	.60000	.20000	62.000	81.03	.7040	.4160-01	-.6800-01	-3.728	.1820-01
20	.60000	.40000	63.000	36.53	.3174	.1870-01	-.1567	-3.816	.4110-01
20	.60000	.60000	64.000	24.02	.2086	.1230-01	-.1817	-3.841	.4730-01
20	.60000	.80000	65.000	22.60	.1964	.1160-01	-.1845	-3.844	.4800-01
20	.60000	.99000	66.000	57.98	.5037	.2970-01	-.1139	-3.774	.3020-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. WING UPPER SURFACE

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(RG1U08)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
20	.60000	.10000*00	61.000	188.7	1.641	.9690-01	.1471	-3.512	-.4190-01
20	.60000	.20000	62.000	105.9	.9205	.5430-01	-.1820-01	-3.678	.5000-02
20	.60000	.40000	63.000	50.17	.4361	.2570-01	-.1295	-3.789	.3420-01
20	.60000	.60000	64.000	36.33	.3158	.1860-01	-.1571	-3.817	.4120-01
20	.60000	.80000	65.000	36.90	.3207	.1890-01	-.1559	-3.815	.4090-01
20	.60000	.99000	66.000	66.08	.5744	.3390-01	-.9770-01	-3.757	.2600-01

IH11. MODEL 84-OT. WING UPPER SURFACE

(RGIU08)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
20	.60000	.10000+00	61.000	229.7	1.996	.1178	.2286	-3.431	-.6660-01
20	.60000	.20000	62.000	143.2	1.245	.7350-01	.5620-01	-3.603	-.1560-01
20	.60000	.40000	63.000	76.67	.6663	.3930-01	-.7660-01	-3.736	.2050-01
20	.60000	.60000	64.000	61.54	.5348	.3160-01	-.1068	-3.766	.2840-01
20	.60000	.80000	65.000	62.01	.5389	.2180-01	-.1059	-3.766	.2810-01
20	.60000	.99000	66.000	86.74	.7538	.4450-01	-.5650-01	-3.716	.1520-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. WING UPPER SURFACE

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WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
17	.60000	.10000+00	61.000	167.9	2.472	.6840-01	.2353	-5.383	-.4370-01
17	.60000	.20000	62.000	97.31	1.432	.3960-01	.6910-01	-5.549	-.1250-01
17	.60000	.40000	63.000	47.03	.6921	.1920-01	-.4920-01	-5.667	.8700-02
17	.60000	.60000	64.000	33.84	.4981	.1380-01	-.8020-01	-5.698	.1410-01
17	.60000	.80000	65.000	32.71	.4815	.1330-01	-.8290-01	-5.701	.1450-01
17	.60000	.99000	66.000	40.62	.5979	.1650-01	-.6430-01	-5.683	.1130-01

IH11. MODEL 84-OT. WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-3.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
17	.60000	.10000+00	61.000	138.0	2.032	.5620-01	.1650	-5.453	-.3020-01
17	.60000	.20000	62.000	76.98	1.133	.3140-01	.2130-01	-5.597	-.3800-02
17	.60000	.40000	63.000	33.71	.4961	.1370-01	-.8060-01	-5.699	.1410-01
17	.60000	.60000	64.000	21.66	.3189	.0800-02	-.1089	-5.727	.1900-01
17	.60000	.80000	65.000	20.16	.2967	.0200-02	-.1124	-5.731	.1960-01
17	.60000	.99000	66.000	28.72	.4227	.1170-01	-.9230-01	-5.711	.1620-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
17	.60000	.10000*00	61.000	111.0	1.633	.4520-01	.1012	-5.517	-.1830-01
17	.60000	.20000	62.000	58.84	.8660	.2400-01	-.2140-01	-5.640	.3800-02
17	.60000	.40000	63.000	25.63	.3772	.1040-01	-.9960-01	-5.718	.1740-01
17	.60000	.60000	64.000	16.41	.2415	.6700-02	-.1213	-5.740	.2110-01
17	.60000	.80000	65.000	14.72	.2165	.6000-02	-.1253	-5.744	.2180-01
17	.60000	.99000	66.000	25.54	.3758	.1040-01	-.9980-01	-5.718	.1750-01

PARAMETRIC DATA

WING UPPER SURFACE

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
14	.60000	.10000+00	61.000	85.13	1.897	.2450-01	.1040	-8.763	-.1190-01
14	.60000	.20000	62.000	42.99	.9582	.1240-01	-.4800-02	-8.871	.5000-03
14	.60000	.40000	63.000	17.69	.3942	.5100-02	-.7020-01	-8.937	.7900-02
14	.60000	.60000	64.000	10.44	.2328	.7000-02	-.8890-01	-8.956	.9900-02
14	.60000	.80000	65.000	9.880	.2202	.8000-02	-.9030-01	-8.957	.1010-01
14	.60000	.99000	66.000	14.58	.3250	.4200-02	-.7820-01	-8.945	.8700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL B4-OT, WING UPPER SURFACE

(RG1U08)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	2Y/8	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
14	.60000	.10000+00	61.000	112.4	2.506	.3230-01	.1745	-8.691	-.2010-01
14	.60000	.20000	62.000	60.00	1.338	.1730-01	.3920-01	-8.827	-.4400-02
14	.60000	.40000	63.000	24.63	.5493	.7100-02	-.5220-01	-6.918	.5900-02
14	.60000	.60000	64.000	15.42	.3438	.4400-02	-.7600-01	-8.942	.8500-02
14	.60000	.80000	65.000	13.35	.2976	.3800-02	-.8140-01	-8.947	.9100-02
14	.60000	.99000	66.000	20.31	.4528	.5800-02	-.6340-01	-8.929	.7100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-0T. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP(SI)
14	.60000	.10000*00	61.000	141.3	3.149	.4060-01	.2490	-8.615	-.2890-01
14	.60000	.20000	62.000	76.14	1.697	.2190-01	.8070-01	-8.784	-.9200-02
14	.60000	.40000	63.000	32.03	.7139	.9200-02	-.3320-01	-8.898	.3700-02
14	.60000	.60000	64.000	22.63	.5043	.6500-02	-.5740-01	-8.922	.6400-02
14	.60000	.80000	65.000	19.90	.4435	.5700-02	-.6450-01	-8.929	.7200-02
14	.60000	.99000	66.000	23.48	.5232	.6800-02	-.5530-01	-8.920	.6200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, WING UPPER SURFACE

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(RG1U09)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	ZY/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
19	.60000	.10000*00	61.000	211.0	1.833	.1082	.1912	-3.468	-.5510-01
19	.60000	.20000	62.000	136.1	1.183	.6980-01	.4190-01	-3.618	-.1160-01
19	.60000	.40000	63.000	76.20	.6620	.3910-01	-.7760-01	-3.737	.2080-01
19	.60000	.60000	64.000	60.21	.5231	.7090-01	-.1095	-3.769	.2900-01
19	.60000	.80000	65.000	64.07	.5566	.3290-01	-.1018	-3.762	.2710-01
19	.60000	.99000	66.000	93.79	.8148	.4810-01	-.4250-01	-3.702	.1150-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL B4-OT, WING UPPER SURFACE

(RGIU09)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

RUN NUMBER	ZY/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
19	.60000	.10000*00	61.000	153.4	1.333	.7870-01	.7640-01	-3.583	-.2130-01
19	.60000	.20000	62.000	91.81	.7977	.4710-01	-.4640-01	-3.706	.1250-01
19	.60000	.40000	63.000	48.50	.4214	.2490-01	-.1328	-3.792	.3500-01
19	.60000	.60000	64.000	39.18	.3405	.2010-01	-.1514	-3.811	.3970-01
19	.60000	.80000	65.000	41.26	.3584	.2120-01	-.1473	-3.807	.3870-01
19	.60000	.99000	66.000	72.14	.6267	.3700-01	-.8570-01	-3.745	.2290-01

TEST DATA

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
19	.60000	.10000+00	61.000	124.3	1.080	.6370-01	.1820-01	-3.641	-.5000-02
19	.60000	.20000	62.000	65.13	.5657	.3340-01	-.0370-01	-3.759	.2650-01
19	.60000	.40000	63.000	28.73	.2496	.1470-01	-.1723	-3.832	.4500-01
19	.60000	.60000	64.000	19.71	.1712	.1010-01	-.1903	-3.850	.4940-01
19	.60000	.80000	65.000	19.52	.1695	.1000-01	-.1907	-3.850	.4950-01
19	.60000	.99000	66.000	60.05	.5216	.3080-01	-.1098	-3.769	.2910-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. WING UPPER SURFACE

DATE 01 OCT 80

PARAMETRIC DATA

WING, UPPER SURFACE

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/SI
18	.60000	.10000*00	61.000	86.24	1.269	.3510-01	.4300-01	-5.575	-.7700-02
18	.60000	.20000	62.000	45.69	.6724	.1860-01	-.5240-01	-5.671	.9200-02
18	.60000	.40000	63.000	18.96	.2791	.7700-02	-.1153	-5.734	.2010-01
18	.60000	.60000	64.000	12.38	.1821	.5000-02	-.1308	-5.749	.2270-01
18	.60000	.80000	65.000	11.53	.1697	.4700-02	-.1328	-5.751	.2310-01
18	.60000	.99000	66.000	23.86	.3511	.9700-02	-.1038	-5.722	.1810-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0T, WING UPPER SURFACE

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(RG1U09)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
18	.60000	.10000+00	61.000	107.5	1.584	.4380-01	.9350-01	-5.525	-.1690-01
18	.60000	.20000	62.000	58.50	.8622	.2390-01	-.2200-01	-5.640	.3900-02
18	.60000	.40000	63.000	25.39	.3742	.1040-01	-.1000+00	-5.718	.1750-01
18	.60000	.60000	64.000	17.30	.2550	.7100-02	-.1191	-5.737	.2080-01
18	.60000	.80000	65.000	18.15	.2675	.400-02	-.1171	-5.735	.2040-01
18	.60000	.99000	66.000	34.04	.5018	.1390-01	-.7970-01	-5.698	.1400-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. WING UPPER SURFACE

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(RG1U09)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CPI/SI
18	.60000	.10000+00	61.000	133.7	1.970	.5450-01	.1550	-5.463	-.2840-01
18	.60000	.20000	62.000	80.08	1.180	.3270-01	.2880-01	-5.589	-.5200-02
18	.60000	.40000	63.000	40.42	.5956	.1650-01	-.6470-01	-5.683	.1140-01
18	.60000	.60000	64.000	30.83	.4543	.1260-01	-.8730-01	-5.705	.1530-01
18	.60000	.80000	65.000	31.30	.4612	.1280-01	-.8610-01	-5.704	.1510-01
18	.60000	.99000	66.000	42.11	.6205	.1720-01	-.6070-01	-5.679	.1070-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
13	.60000	.10000+00	61.000	102.1	2.275	.2930-01	.1477	-8.722	-.1690-01
13	.60000	.20000	62.000	55.59	1.238	.1600-01	.2760-01	-8.842	-.3100-02
13	.60000	.40000	63.000	24.19	.5388	.6900-02	-.5340-01	-8.923	.6000-02
13	.60000	.60000	64.000	18.27	.4068	.5200-02	-.6870-01	-8.938	.7700-02
13	.60000	.80000	65.000	17.04	.3796	.4300-02	-.7190-01	-8.941	.8000-02
13	.60000	.99000	66.000	20.33	.4529	.5800-02	-.6340-01	-8.933	.7100-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, WING UPPER SURFACE

(RG1U09)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
13	.60000	.10000+00	61.000	85.88	1.915	.2470-01	.1060	-8.762	-.1210-01
13	.60000	.20000	62.000	45.49	1.015	.1310-01	.1700-02	-8.866	-.2000-03
13	.60000	.40000	63.000	18.90	.4215	.5400-02	-.6700-01	-6.935	.7500-02
13	.60000	.60000	64.000	11.85	.2644	.3400-02	-.8520-01	-8.953	.9500-02
13	.60000	.80000	65.000	11.01	.2455	.3200-02	-.8740-01	-8.955	.9800-02
13	.60000	.99000	66.000	19.28	.4239	.5500-02	-.6600-01	-8.934	.7400-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, WING UPPER SURFACE

(RG1UD9)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	RY/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
13	.60000	.10000+00	61.000	69.54	1.550	.2000-01	.6370-01	-8.804	-.7200-02
13	.60000	.20000	62.000	35.01	.7802	.1010-01	-.2550-01	-8.893	.2900-02
13	.60000	.40000	63.000	13.84	.3085	.4000-02	-.8010-01	-8.948	.9000-02
13	.60000	.60000	64.000	8.390	.1869	.2400-02	-.9420-01	-8.962	.1050-01
13	.60000	.80000	65.000	7.920	.1764	.2300-02	-.9540-01	-8.964	.1060-01
13	.60000	.99000	66.000	13.75	.3064	.4000-02	-.8030-01	-8.948	.9000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U10)

IH11. MODEL 84-0. WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	O PSF	TO DEG R
30	2.494	-5.012	X10 6 2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP(SI)
30	.60000	.10000+00	61.000	307.7	2.675	.1580	.3847	-3.275	-.1175
30	.60000	.20000	62.000	192.4	1.673	.9880-01	.1545	-3.505	-.4410-01
30	.60000	.40000	63.000	99.90	.8685	.5130-01	-.3020-01	-3.690	.8200-02
30	.60000	.60000	64.000	76.17	.6622	.7910-01	-.7750-01	-3.737	.2080-01
30	.60000	.80000	65.000	74.10	.6442	.3800-01	-.8170-01	-3.741	.2180-01
30	.60000	.99000	66.000	81.45	.7081	.4180-01	-.6700-01	-3.726	.1800-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-O, WING UPPER SURFACE

(RGIUI10)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
30	.60000	.10000+00	61.000	253.7	2.207	.1303	.2771	-3.382	-.8190-01
30	.60000	.20000	62.000	146.6	1.275	.7530-01	.6310-01	-3.596	-.1760-01
30	.60000	.40000	63.000	69.33	.6029	.3560-01	-.9120-01	-3.750	.2430-01
30	.60000	.60000	64.000	49.08	.4269	.2520-01	-.1316	-3.791	.3470-01
30	.60000	.80000	65.000	46.54	.4048	.2390-01	-.1367	-3.796	.3600-01
30	.60000	.99000	66.000	57.09	.4965	.2930-01	-.1156	-3.775	.3060-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RG1U10)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
30	.60000	.10000+00	61.000	208.2	1.810	.1069	.1861	-3.473	-.5360-01
30	.60000	.20000	62.000	113.4	.9860	.5820-01	-.3200-02	-3.663	.9000-03
30	.60000	.40000	63.000	50.09	.4355	.2570-01	-.1296	-3.789	.3420-01
30	.60000	.60000	64.000	33.06	.2875	.1700-01	-.1636	-3.823	.4280-01
30	.60000	.80000	65.000	30.71	.2670	.1580-01	-.1683	-3.828	.4400-01
30	.60000	.99000	66.000	40.87	.3554	.2100-01	-.1480	-3.807	.3890-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(R6J1010)

IH11 MODEL 84-0, WING UPPER SURFACE

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	2Y/3	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
25	.60000	.10000+00	61.000	157.8	2.325	.6440-01	.2119	-5.405	-.3920-01
25	.60000	.20000	62.000	83.79	1.235	.3420-01	.3750-01	-5.580	-.6700-02
25	.60000	.40000	63.000	36.82	.5426	.1500-01	-.7310-01	-5.690	.1290-01
25	.60000	.60000	64.000	23.36	.3442	.9500-02	-.1049	-5.722	.1830-01
25	.60000	.80000	65.000	21.00	.3096	.6500-02	-.1104	-5.728	.1930-01
25	.60000	.99000	66.000	25.80	.3803	.1050-01	-.9910-01	-5.716	.1730-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RG1U10)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-7.372-01	1.972	2451.	67.84	424.3	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
25	.60000	.10000+00	61.000	206.9	3.050	.8440-01	.3278	-5.290	-.6200-01
25	.60000	.20000	62.000	112.7	1.662	.4600-01	.1058	-5.512	-.1920-01
25	.60000	.40000	63.000	47.48	.6999	.1940-01	-.4600-01	-5.665	.8500-02
25	.60000	.60000	64.000	30.60	.4511	.1250-01	-.8780-01	-5.705	.1540-01
25	.60000	.80000	65.000	28.06	.4136	.1140-01	-.9380-01	-5.711	.1640-01
25	.60000	.99000	66.000	32.49	.4789	.1330-01	-.8330-01	-5.701	.1460-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RGIU10)

IHI1, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
25	.60000	.10000+00	61.000	236.7	3.491	.9560-01	.3982	-5.219	-.7630-01
25	.60000	.20000	62.000	138.6	2.045	.5660-01	.1671	-5.450	-.3060-01
25	.60000	.40000	63.000	65.35	.9638	.2670-01	-.5800-02	-5.623	.1000-02
25	.60000	.60000	64.000	48.13	.7099	.1960-01	-.4640-01	-5.664	.8200-02
25	.60000	.80000	65.000	47.00	.6932	.1320-01	-.4910-01	-5.666	.8700-02
25	.60000	.99000	66.000	49.64	.7321	.2030-01	-.4280-01	-5.660	.7600-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-O, WING UPPER SURFACE

(RG1U10)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
24	3.511	-5.052	1.818	3476.	44.88	387.2	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
24	.60000	.10000+00	61.000	208.4	4.644	.6000-01	.4224	-8.438	-.5010-01
24	.60000	.20000	62.000	114.2	2.544	.3280-01	.1790	-8.682	-.2060-01
24	.60000	.40000	63.000	50.79	1.132	.1460-01	.1530-01	-8.845	-.1700-02
24	.60000	.60000	64.000	35.09	.7818	.1010-01	-.2530-01	-8.886	.2800-02
24	.60000	.80000	65.000	31.23	.6958	.5000-02	-.3530-01	-8.896	.4000-02
24	.60000	.99000	66.000	31.98	.7126	.9200-02	-.3330-01	-8.894	.3700-02

IH11, MODEL 84-0, WING UPPER SURFACE

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-.6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
24	.60000	.10000+00	61.000	172.1	3.833	.4950-01	.3284	-8.533	-.3850-01
24	.60000	.20000	62.000	92.52	2.061	.2660-01	.1230	-8.738	-.1410-01
24	.60000	.40000	63.000	39.79	.8864	.1140-01	-.1320-01	-8.874	.1500-02
24	.60000	.60000	64.000	24.54	.5466	.7100-02	-.5250-01	-8.914	.5900-02
24	.60000	.80000	65.000	21.62	.4816	.6200-02	-.6010-01	-8.921	.6700-02
24	.60000	.99000	66.000	23.88	.5319	.6900-02	-.5420-01	-8.915	.6100-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-0, WING UPPER SURFACE

PARAMETRIC DATA

WING, UPPER SURFACE

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
24	.60000	.10000*00	61.000	133.1	2.966	.3830-01	.2279	-8.632	-.2640-01
24	.60000	.20000	62.000	64.79	1.443	.1860-01	.5140-01	-8.809	-.5800-02
24	.60000	.40000	63.000	26.01	.5795	.7500-02	-.4870-01	-8.909	.5500-02
24	.60000	.60000	64.000	16.41	.3656	.4700-02	-.7350-01	-8.933	.8200-02
24	.60000	.80000	65.000	14.90	.3320	.4300-02	-.7740-01	-8.937	.8700-02
24	.60000	.99000	66.000	17.35	.3866	.5000-02	-.7110-01	-8.931	.8000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, WING UPPER SURFACE

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(RGIU11)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
29	.60000	.10000*00	61.000	160.1	1.392	.8220-01	.9000-01	-3.569	-.2520-01
29	.60000	.20000	62.000	84.79	.7372	.4350-01	-.6030-01	-3.720	.1620-01
29	.60000	.40000	63.000	36.74	.3195	.1890-01	-.1562	-3.816	.4090-01
29	.60000	.60000	64.000	24.24	.2107	.1240-01	-.1812	-3.841	.4720-01
29	.60000	.80000	65.000	22.64	.1988	.1160-01	-.1844	-3.844	.4800-01
29	.60000	.99000	66.000	46.24	.4020	.2370-01	-.1373	-3.797	.3620-01

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-.6774-01	2.154	1948.	115.0	501.0	288.8

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
29	.60000	.10000+00	61.000	205.0	1.782	.1052	.1796	-3.480	-.5160-01
29	.60000	.20000	62.000	116.7	1.015	.5990-01	.3400-02	-3.656	-.9000-03
29	.60000	.40000	63.000	55.15	.4795	.2830-01	-.1195	-3.779	.3160-01
29	.60000	.60000	64.000	40.00	.3477	.2050-01	-.1498	-3.809	.3930-01
29	.60000	.80000	65.000	38.96	.3387	.2000-01	-.1518	-3.811	.3980-01
29	.60000	.99000	66.000	66.35	.5768	.3410-01	-.9720-01	-3.756	.2590-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0. WING UPPER SURFACE

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(RGIU11)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
29	.60000	.10000+00	61.000	262.2	2.279	.1346	.2937	-3.366	-.3730-01
29	.60000	.20000	62.000	163.4	1.421	.8390-01	.9660-01	-3.563	-.2710-01
29	.60000	.40000	63.000	87.91	.7643	.4510-01	-.5410-01	-3.713	.1460-01
29	.60000	.60000	64.000	70.60	.6138	.7520-01	-.8870-01	-3.748	.2370-01
29	.60000	.80000	65.000	70.60	.6138	.5520-01	-.8870-01	-3.748	.2370-01
29	.60000	.99000	66.000	81.98	.7128	.4210-01	-.6590-01	-3.725	.1770-01

IH11, MODEL 84-0, WING UPPER SURFACE

(R6IU11)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-5.050	1.975	2454.	67.91	424.7	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
26	.60000	.10000*00	61.000	190.7	2.808	.7770-01	.2891	-5.328	-.5430-01
26	.60000	.20000	62.000	112.3	1.654	.4580-01	.1046	-5.513	-.1900-01
26	.60000	.40000	63.000	56.09	.8260	.2290-01	-.2780-01	-5.645	.4900-02
26	.60000	.60000	64.000	40.48	.5960	.1650-01	-.6460-01	-5.682	.1140-01
26	.60000	.80000	65.000	39.35	.5754	.1600-01	-.6730-01	-5.685	.1180-01
26	.60000	.99000	66.000	42.73	.6293	.1740-01	-.5930-01	-5.677	.1040-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RG1U11)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-.6176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
26	.60000	.10000*00	61.000	154.0	2.269	.6280-01	.2029	-5.415	-.3750-01
26	.60000	.20000	62.000	84.01	1.238	.3430-01	.3800-01	-5.580	-.6800-02
26	.60000	.40000	63.000	36.42	.5367	.1490-01	-.7410-01	-5.692	.1300-01
26	.60000	.60000	64.000	22.95	.3382	.9400-02	-.1058	-5.724	.1850-01
26	.60000	.80000	65.000	20.41	.3007	.£300-02	-.1118	-5.730	.1950-01
26	.60000	.99000	66.000	26.53	.3909	.1080-01	-.9740-01	-5.715	.1700-01

IH11, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	R(I) PSFA	P1/P	P1/F0	CP(I)	CP(S1)	UPI/SI
26	.60000	.10000+00	61.000	121.8	1.794	.4970-01	.1270	-5.491	-.2310-01
26	.60000	.20000	62.000	61.68	.9090	.2520-01	-.1460-01	-5.632	.2600-02
26	.60000	.40000	63.000	26.70	.3934	.1090-01	-.9700-01	-5.715	.1700-01
26	.60000	.60000	64.000	17.29	.2548	.7100-02	-.1191	-5.737	.2080-01
26	.60000	.80000	65.000	15.22	.2244	.6200-02	-.1240	-5.742	.2160-01
26	.60000	.99000	66.000	20.96	.3089	.8500-02	-.1105	-5.728	.1930-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RGIU11)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
23	.60000	.10000+00	61.000	92.54	2.063	.2660-01	.1231	-8.740	-.1410-01
23	.60000	.20000	62.000	45.12	1.006	.1300-01	.7000-03	-8.863	-.1000-03
23	.60000	.40000	63.000	17.36	.3870	.5000-02	-.7100-01	-6.934	.8000-02
23	.60000	.60000	64.000	11.62	.2591	.3300-02	-.8590-01	-8.949	.9600-02
23	.60000	.80000	65.000	9.650	.2150	.2800-02	-.9100-01	-8.954	.1020-01
23	.60000	.99000	66.000	14.16	.3157	.4100-02	-.7930-01	-8.943	.8900-02

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	- .7372-01	1.825	3478.	44.89	387.4	212.1

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
23	.60000	.10000+00	61.000	130.1	2.898	.3740-01	.2199	-8.643	-.2540-01
23	.60000	.20000	62.000	66.51	1.482	.1910-01	.5580-01	-8.807	-.6300-02
23	.60000	.40000	63.000	26.24	.5844	.7500-02	-.4820-01	-8.911	.5400-02
23	.60000	.60000	64.000	15.58	.3470	.4500-02	-.7570-01	-8.939	.8500-02
23	.60000	.80000	65.000	13.22	.2945	.3800-02	-.8180-01	-8.945	.9100-02
23	.60000	.99000	66.000	16.14	.3536	.4600-02	-.7420-01	-8.937	.8300-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-5.054	1.824	3478.	44.83	387.3	212.2

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
23	.60000	.10000*00	61.000	157.1	3.500	.4520-01	.2897	-8.573	-.3380-01
23	.60000	.20000	62.000	84.02	1.872	.2420-01	.1010	-8.762	-.1150-01
23	.60000	.40000	63.000	36.52	.8135	.1050-01	-.2160-01	-8.884	.2400-02
23	.60000	.60000	64.000	24.57	.5474	.7100-02	-.5250-01	-8.915	.5900-02
23	.80000	.80000	65.000	23.44	.5222	.6700-02	-.5540-01	-8.918	.6200-02
23	.60000	.99000	66.000	26.55	.5914	.7600-02	-.4740-01	-8.910	.5300-02

IH11, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	R(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
28	.60000	.10000+00	61.000	233.6	2.030	.1198	.2364	-3.423	-.6910-01
28	.60000	.20000	62.000	150.3	1.306	.7710-01	.7030-01	-3.589	-.1960-01
28	.60000	.40000	63.000	83.49	.7254	.4280-01	-.6300-01	-3.722	.1690-01
28	.60000	.60000	64.000	66.45	.5774	.3410-01	-.9700-01	-3.756	.2580-01
28	.60000	.80000	65.000	67.11	.5831	.3440-01	-.9570-01	-3.755	.2550-01
28	.60000	.99000	66.000	89.70	.7794	.4600-01	-.5060-01	-3.710	.1370-01

IH11, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-.5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
28	.60000	.10000+00	61.000	161.1	1.400	.8270-01	.9190-01	-3.567	-.2580-01
28	.60000	.20000	62.000	92.46	.8038	.4750-01	-.4500-01	-3.704	.1220-01
28	.60000	.40000	63.000	46.45	.4038	.2380-01	-.1369	-3.796	.3610-01
28	.60000	.60000	64.000	35.54	.3089	.1920-01	-.1587	-3.818	.4160-01
28	.60000	.80000	65.000	40.80	.3547	.090-01	-.1481	-3.808	.3890-01
28	.60000	.99000	66.000	73.64	.6402	.3780-01	-.8260-01	-3.742	.2210-01

IH11, MODEL 84-0, WING UPPER SURFACE

(RG1U12)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	R(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CPI/SI
28	.60000	.10000+00	61.000	115.6	1.005	.5930-01	.1200-02	-3.658	-.3000-03
28	.60000	.20000	62.000	58.40	.5076	.3000-01	-.1131	-3.772	.3000-01
28	.60000	.40000	63.000	24.80	.2155	.1270-01	-.1801	-3.840	.4690-01
28	.60000	.60000	64.000	16.32	.1419	.8400-02	-.1970	-3.856	.5110-01
28	.60000	.80000	65.000	26.68	.2319	.1370-01	-.1764	-3.836	.4600-01
28	.60000	.99000	66.000	53.70	.4667	.2760-01	-.1224	-3.782	.3240-01

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
27	.60000	.10000*00	61.000	81.32	1.198	.3320-01	3170-01	-5.565	-.5700-02
27	.60000	.20000	62.000	41.51	.6115	.1690-01	.6210-01	-5.680	.1090-01
27	.60000	.40000	63.000	16.75	.2468	.6800-02	-.1204	-5.738	.2100-01
27	.60000	.60000	64.000	11.48	.1692	.4700-02	-.1328	-5.750	.2310-01
27	.60000	.80000	65.000	12.90	.1900	.5300-02	-.1295	-5.747	.2250-01
27	.60000	.99000	65.000	30.59	.4506	.1250-01	-.8780-01	-5.705	.1540-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-O, WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	.5383-01	1.976	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
27	.60000	.10000+00	61.000	117.9	1.738	.4810-01	.1180	-5.500	-.2150-01
27	.60000	.20000	62.000	61.35	.9043	.2500-01	-.1530-01	-5.633	.2700-02
27	.60000	.40000	63.000	25.96	.3827	.1060-01	-.9870-01	-5.716	.1730-01
27	.60000	.60000	64.000	17.11	.2523	.7000-02	-.1196	-5.737	.2080-01
27	.60000	.80000	65.000	17.49	.2578	.7100-02	-.1187	-5.736	.2070-01
27	.60000	.99000	66.000	31.89	.4701	.1300-01	-.8470-01	-5.702	.1490-01

WING UPPER SURFACE

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RG1UI2)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CM	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
27	.60000	.10000+00	61.000	153.1	2.257	.6250-01	.2011	-5.417	-.3710-01
27	.60000	.20000	62.000	91.05	1.342	.3710-01	.3470-01	-5.563	-.9800-02
27	.60000	.40000	63.000	46.26	.6819	.1890-01	-.5090-01	-5.669	.9000-02
27	.60000	.60000	64.000	35.35	.5210	.1440-01	-.7660-01	-5.694	.1350-01
27	.60000	.80000	65.000	36.10	.5321	.1470-01	-.7480-01	-5.692	.1310-01
27	.60000	.99000	66.000	40.80	.6014	.1660-01	-.6370-01	-5.681	.1120-01

IH11, MODEL 84-O, WING UPPER SURFACE

(RG1U12)

WING UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	2Y/B	X/CH	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
22	.60000	.10000+00	61.000	118.0	2.631	.3390-01	.1889	-8.682	-.2180-01
22	.60000	.20000	62.000	64.18	1.431	.1840-01	.5000-01	-8.821	-.5700-02
22	.60000	.40000	63.000	27.96	.6236	.8000-02	.4360-01	-8.915	.4900-02
22	.60000	.60000	64.000	21.28	.4747	.6100-02	-.6080-01	-8.932	.6800-02
22	.60000	.80000	65.000	22.60	.5040	.6500-02	-.5740-01	-8.929	.6400-02
22	.60000	.99000	66.000	27.30	.6089	.7800-02	-.4530-01	-8.916	.5100-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, WING UPPER SURFACE

(RG1U12)

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-.1991-01	1.834	3477.	44.85	337.1	211.3

TEST DATA

RUN NUMBER	ZY/B	X/CW	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
22	.60000	.10000*00	61.000	96.72	2.156	.2780-01	.1340	-8.731	-.1530-01
22	.60000	.20000	62.000	48.01	1.070	.1380-01	.8200-02	-8.857	-.9000-03
22	.60000	.40000	63.000	17.86	.3982	.5100-02	-.6970-01	-8.935	.7800-02
22	.60000	.60000	64.000	10.61	.2365	.3100-02	-.8850-01	-8.954	.9900-02
22	.60000	.80000	65.000	9.760	.2175	.2800-02	-.9070-01	-8.956	.1010-01
22	.60000	.99000	66.000	15.03	.3352	.4300-02	-.7700-01	-8.942	.8600-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1U12)

IH11, MODEL 84-0, WING UPPER SURFACE

WING, UPPER SURFACE

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST CONDITIONS

TEST DATA

RUN NUMBER	2Y/6	X/CH	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
22	.60000	.10000*00	61.000	64.88	1.446	.1870-01	.5170-01	-8.812	-.5900-02
22	.60000	.20000	62.000	29.87	.6655	.8600-02	-.3880-01	-8.903	.4400-02
22	.60000	.40000	63.000	10.85	.2418	.3100-02	-.8790-01	-8.952	.9800-02
22	.60000	.60000	64.000	7.270	.1621	.2100-02	-.9710-01	-8.961	.1080-01
22	.60000	.80000	65.000	8.590	.1915	.2500-02	-.9370-01	-8.958	.1050-01
22	.60000	.99000	66.000	18.76	.4180	.5400-02	-.6740-01	-8.932	.7600-02

VERTICAL TAIL

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V011)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q FSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
3	.00000	.00000	67.000	211.0	1.838	.1085	.1924	-3.467	-.5550-01
3	.00000	.40000	68.000	312.8	2.725	.1609	.3960	-3.264	-.1214
3	.75000-01	.00000	69.000	506.8	4.415	.2606	.7839	-2.876	-.2726
3	.10000+00	.00000	70.000	999.1	8.702	.5137	1.768	-1.891	-.9350
3	.60000	.00000	71.000	505.6	4.404	.2600	.7815	-2.878	-.2715
3	.60000	.10000+00	72.000	360.7	3.142	.1855	.4918	-3.168	-.1553
3	.60000	.20000	73.000	339.0	2.952	.1743	.4483	-3.211	-.1396
3	.50000	.40000	74.000	301.9	2.630	.1552	.3742	-3.285	-.1139
3	.60000	.60000	75.000	139.1	1.211	.7150-01	.4850-01	-3.611	-.1340-01
3	.60000	.80000	76.000	132.7	1.156	.6820-01	.3570-01	-3.624	-.9900-02
3	.60000	1.0000	77.000	67.02	.5838	.3450-01	-.9560-01	-3.755	-.2540-01
3	.95000	.00000	78.000	404.6	3.524	.2080	.5795	-3.080	-.1882
3	.95000	.30000	79.000	312.3	2.720	.1606	.3949	-3.265	-.1209
3	.95000	.80000	80.000	118.0	1.028	.6070-01	.6400-02	-3.653	-.1800-02
3	1.0000	.30000	81.000	109.6	.9542	.5630-01	-.1050-01	-3.670	-.2900-02
3	1.0000	.80000	82.000	63.04	.5491	.3240-01	-.1035	-3.763	-.2750-01

IHI1, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
3	.00000	.00000	67.000	172.0	1.497	.8840-01	.1142	-3.545	-.3220-01
3	.00000	.40000	68.000	234.6	2.042	.1206	.2393	-3.420	-.7000-01
3	.75000-01	.00000	69.000	284.4	2.476	.1462	.3388	-3.321	-.1020
3	.10000+00	.00000	70.000	582.3	5.069	.2993	.9343	-2.725	-.3428
3	.60000	.00000	71.000	443.0	3.857	.2277	.6559	-3.004	-.2184
3	.60000	.10000+00	72.000	324.6	2.826	.1659	.4193	-3.240	-.1294
3	.60000	.20000	73.000	299.7	2.609	.1540	.3694	-3.290	-.1123
3	.60000	.40000	74.000	265.2	2.309	.1363	.3006	-3.359	-.6950-01
3	.60000	.60000	75.000	122.1	1.063	.6270-01	.1440-01	-3.645	-.4000-02
3	.60000	.80000	76.000	111.4	.9696	.5720-01	-.7000-02	-3.667	.1900-02
3	.60000	1.00000	77.000	54.45	.4741	.2800-01	-.1207	-3.780	.3190-01
3	.95000	.00000	78.000	350.4	3.051	.1801	.4708	-3.189	-.1476
3	.95000	.30000	79.000	275.2	2.396	.1414	.3205	-3.339	-.9600-01
3	.95000	.80000	80.000	104.3	.9077	.5360-01	-.2120-01	-3.681	.5800-02
3	1.0000	.30000	81.000	86.38	.7521	.4440-01	-.5690-01	-3.716	.1530-01
3	1.0000	.80000	82.000	52.51	.4571	.2700-01	-.1246	-3.784	.3290-01

VERTICAL TAIL

IH11. MODEL 84-OTS. VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	ZY/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
3	.00000	.00000	67.000	136.6	1.189	.7020-01	.4350-01	-3.616	-.1200-01
3	.00000	.40000	68.000	176.6	1.537	.9080-01	.1234	-3.536	-.3490-01
3	.75000-01	.00000	69.000	142.6	1.242	.7330-01	.5550-01	-3.604	-.1540-01
3	.10000+00	.00000	70.000	177.5	1.545	.9120-01	.1252	-3.534	-.3540-01
3	.60000	.00000	71.000	377.4	3.286	.1340	.5248	-3.135	-.1674
3	.60000	.10000+00	72.000	283.4	2.468	.1457	.3370	-3.323	-.1014
3	.60000	.20000	73.000	272.3	2.371	.1400	.3147	-3.345	-.9410-01
3	.60000	.40000	74.000	244.3	2.127	.1256	.2588	-3.401	-.7610-01
3	.60000	.60000	75.000	116.4	1.014	.5990-01	.3200-02	-3.656	-.9000-03
3	.60000	.80000	76.000	107.4	.9350	.5520-01	.1490-01	-3.674	.4100-02
3	.60000	1.0000	77.000	46.15	.4018	.2370-01	.1373	-3.797	.3620-01
3	.95000	.00000	78.000	287.2	2.501	.1476	.3445	-3.315	-.1039
3	.95000	.30000	79.000	250.7	2.183	.1289	.2716	-3.389	-.8020-01
3	.95000	.80000	80.000	99.51	.8664	.5110-01	-.3070-01	-3.690	.8300-02
3	1.0000	.30000	81.000	37.34	.3251	.1920-01	-.1549	-3.815	.4060-01
3	1.0000	.80000	82.000	35.31	.3074	.1810-01	-.1590	-3.819	.4160-01

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
9	.00000	.00000	67.000	77.89	1.149	.3180-01	.2380-01	-5.593	-.4300-02
9	.00000	.40000	68.000	93.05	1.372	.3800-01	.5960-01	-5.557	-.1070-01
9	.75000-01	.00000	69.000	86.64	1.278	.3540-01	.4450-01	-5.572	-.8000-02
9	.10000+00	.00000	70.000	106.6	1.572	.4350-01	.9150-01	-5.525	-.1660-01
9	.60000	.00000	71.000	295.9	4.365	.1208	.5381	-5.079	-.1060
9	.60000	.10000+00	72.000	152.0	2.242	.6210-01	.1986	-5.418	-.3660-01
9	.60000	.20000	73.000	153.9	2.269	.6280-01	.2030	-5.414	-.3750-01
9	.60000	.40000	74.000	158.3	2.335	.6460-01	.2134	-5.403	-.3950-01
9	.60000	.60000	75.000	16.95	1.135	.3140-01	.2160-01	-5.595	-.3900-02
9	.60000	.80000	76.000	76.29	1.125	.3120-01	.2000-01	-5.597	-.3600-02
9	.60000	1.0000	77.000	29.16	4301	.1190-01	-.9110-01	-5.708	-.1600-01
9	.95000	.00000	78.000	218.2	3.218	.8910-01	.3548	-5.262	-.6740-01
9	.95000	.30000	79.000	136.4	2.012	.5570-01	.1618	-5.455	-.2970-01
9	.95000	.80000	80.000	62.73	.9252	.2560-01	-.1200-01	-5.629	-.2100-02
9	1.0000	.30000	81.000	39.84	.5876	.1630-01	-.6590-01	-5.683	-.1160-01
9	1.0000	.80000	82.000	25.34	.3738	.1030-01	-.1001	-5.717	-.1750-01

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
9	.00000	.00000	67.000	154.3	2.275	.6290-01	.2039	-5.415	-.3770-01
9	.00000	.40000	68.000	237.2	3.499	.9680-01	.3995	-5.219	-.7650-01
9	.75000-01	.00000	69.000	782.9	11.55	.3195	1.686	-3.932	-.4288
9	.10000+00	.00000	70.000	875.8	12.93	.3578	1.908	-3.711	-.5141
9	.60000	.00000	71.000	385.8	5.691	.1574	.7499	-4.869	-.1540
9	.60000	.10000+00	72.000	198.6	2.929	.8100-01	.3083	-5.311	-.5810-01
9	.60000	.20000	73.000	248.3	3.663	.1013	.4257	-5.193	-.8200-01
9	.60000	.40000	74.000	223.5	3.296	.9120-01	.3671	-5.252	-.6990-01
9	.60000	.60000	75.000	103.6	1.528	.4230-01	.8430-01	-5.535	-.1520-01
9	.60000	.80000	76.000	92.65	1.367	.3780-01	.5860-01	-5.560	-.1050-01
9	.60000	1.00000	77.000	42.04	.6201	.1720-01	-.6070-01	-5.679	-.1070-01
9	.95000	.00000	78.000	341.8	5.042	.1395	.6462	-4.973	-.1300
9	.95000	.30000	79.000	203.8	3.006	.8320-01	.3207	-5.299	-.6050-01
9	.95000	.80000	80.000	90.96	1.342	.3710-01	.5460-01	-5.564	-.9800-02
9	1.0000	.30000	81.000	75.05	1.107	.3060-01	.1710-01	-5.602	-.3100-02
9	1.0000	.80000	82.000	52.11	.7686	.2130-01	-.3700-01	-5.656	-.6500-02

VERTICAL TAIL PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
9	.00000	.00000	67.000	119.6	1.765	.4880-01	.1224	-5.496	-.2230-01
9	.00000	.40000	68.000	147.1	2.171	.6010-01	.1872	-5.432	-.3450-01
9	.75000-01	.00000	69.000	218.3	3.223	.8920-01	.3554	-5.263	-.6750-01
9	.10000+00	.00000	70.000	519.7	7.670	.2122	1.066	-4.552	-.2343
9	.60000	.00000	71.000	341.0	5.033	.1392	.6447	-4.974	-.1296
9	.10000+00	.10000+00	72.000	170.3	2.514	.6950-01	.2420	-5.377	-.4500-01
9	.60000	.20000	73.000	179.2	2.645	.7320-01	.2630	-5.356	-.4910-01
9	.60000	.40000	74.000	194.8	2.876	.7960-01	.2999	-5.319	-.5640-01
9	.60000	.60000	75.000	90.73	1.339	.3710-01	.5420-01	-5.564	-.9700-02
9	.60000	.80000	76.000	79.08	1.167	.3230-01	.2670-01	-5.592	-.4800-02
9	.60000	1.00000	77.000	35.66	.5264	.1460-01	-.7570-01	-5.694	.1330-01
9	.95000	.00000	78.000	282.1	4.164	.1152	.5058	-5.113	-.9890-01
9	.95000	.30000	79.000	159.2	2.350	.6500-01	.2158	-5.403	-.3990-01
9	.95000	.80000	80.000	76.12	1.124	.3110-01	.1970-01	-5.599	-.3500-02
9	1.00000	.30000	81.000	52.84	.7800	.2160-01	-.3520-01	-5.654	.6200-02
9	1.00000	.80000	82.000	36.26	.5352	.1480-01	-.7430-01	-5.693	.1310-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1V01)

VERTICAL TAIL

IH11, MODEL 84-OTS, VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
9	.00000	.00000	67.000	79.78	1.176	.3250-01	.2820-01	-5.590	-.5000-02
9	.00000	.40000	68.000	93.42	1.377	.3810-01	.6030-01	-5.558	-.1090-01
9	.75000-01	.00000	69.000	86.65	1.278	.3530-01	.4440-01	-5.574	-.8000-02
9	.10000+00	.00000	70.000	102.6	1.513	.4190-01	.8210-01	-5.537	-.1480-01
9	.60000	.00000	71.000	296.7	4.375	.1210	.5396	-5.079	-.1062
9	.60000	.10000+00	72.000	151.4	2.233	.6180-01	.1971	-5.422	-.3640-01
9	.60000	.20000	73.000	153.2	2.259	.6250-01	.2013	-5.417	-.3720-01
9	.60000	.40000	74.000	158.2	2.333	.6450-01	.2131	-5.406	-.3940-01
9	.60000	.60000	75.000	158.2	2.333	.6450-01	.2131	-5.406	-.3940-01
9	.60000	.80000	76.000	76.59	1.129	.3120-01	.2070-01	-5.598	-.3700-02
9	.60000	1.00000	77.000	70.90	1.045	.2890-01	.7300-02	-5.611	-.1300-02
9	.95000	.00000	78.000	219.7	4.227	.1170-01	.9230-01	-5.711	.1620-01
9	.95000	.30000	79.000	135.5	3.239	.8960-01	.3580	-5.261	-.6810-01
9	.95000	.80000	80.000	62.61	1.998	.5530-01	.1595	-5.459	-.2920-01
9	1.0000	.30000	81.000	38.99	.9231	.2550-01	.1230-01	-5.631	.2200-02
9	1.0000	.80000	82.000	24.86	.5749	.1590-01	-.6800-01	-5.687	.1200-01
9	1.0000	.80000	82.000	24.86	.3665	.1010-01	-.1013	-5.720	.1770-01

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
6	.00000	.00000	67.000	113.9	2.537	.3280-01	.1781	-8.680	-.2050-01
6	.00000	.40000	68.000	189.3	4.214	.5440-01	.3726	-8.485	-.4390-01
6	.75000-01	.00000	69.000	693.9	15.45	.1995	1.675	-7.183	-.2332
6	1.0000+00	.00000	70.000	768.2	17.10	.2209	1.867	-6.991	-.2670
6	.60000	.00000	71.000	344.0	7.659	.5290-01	.7719	-8.086	-.9550-01
6	.60000	.10000+00	72.000	148.6	3.307	.4270-01	.2675	-8.590	-.3110-01
6	.60000	.20000	73.000	163.3	3.636	.4700-01	.3056	-8.552	-.3570-01
6	.60000	.40000	74.000	190.0	4.231	.5470-01	.3745	-8.483	-.4410-01
6	.60000	.60000	75.000	95.89	2.135	.2760-01	.1315	-8.726	-.1510-01
6	.60000	.80000	76.000	84.80	1.888	.2440-01	.1029	-8.755	-.1180-01
6	.60000	1.0000	77.000	31.95	.7112	.9200-02	-.3350-01	-8.891	-.3800-02
6	.95000	.00000	78.000	294.7	6.560	.8470-01	.6445	-8.213	-.7850-01
6	.95000	.30000	79.000	132.2	2.944	.3800-01	.2253	-8.633	-.2610-01
6	.95000	.80000	80.000	63.71	1.418	.1830-01	.4850-01	-8.809	-.5500-02
6	1.0000	.30000	81.000	51.09	1.137	.1470-01	.1590-01	-8.842	-.1800-02
6	1.0000	.80000	82.000	47.36	1.054	.1360-01	.6300-02	-8.852	-.7000-03

TEST DATA

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
6	.00000	.00000	67.000	81.44	1.813	.2340-01	.9430-01	-8.763	-.1080-01
6	.00000	.40000	68.000	113.4	2.526	.3260-01	.1769	-8.680	-.2040-01
6	.75000-01	.00000	69.000	217.1	4.834	.6250-01	.4445	-8.413	-.5280-01
6	.10000+00	.00000	70.000	558.0	12.42	.1505	1.324	-7.533	-.1758
6	.60000	.00000	71.000	302.6	6.738	.6710-01	.6653	-8.192	-.8120-01
6	.60000	.10000+00	72.000	125.6	2.796	.3610-01	.2082	-8.649	-.2410-01
6	.60000	.20000	73.000	128.8	2.867	.3700-01	.2165	-8.641	-.2510-01
6	.60000	.40000	74.000	136.7	3.043	.3930-01	.2369	-8.620	-.2750-01
6	.60000	.60000	75.000	79.75	1.776	.2290-01	.8990-01	-8.767	-.1030-01
6	.60000	.80000	76.000	69.14	1.540	.1990-01	.6260-01	-8.794	-.7100-02
6	.60000	1.0000	77.000	24.80	.5521	.7100-02	-.5190-01	-8.909	-.5800-02
6	.95000	.00000	78.000	227.3	5.062	.6540-01	.4709	-8.386	-.5610-01
6	.30000	.30000	79.000	123.6	2.753	.3560-01	.2032	-8.654	-.2350-01
6	.80000	.80000	80.000	50.19	1.117	.1440-01	.1360-01	-8.843	-.1500-02
6	1.0000	.30000	81.000	39.27	.8744	.1130-01	.1460-01	-8.872	-.1600-02
6	1.0000	.80000	82.000	26.40	.5879	.7600-02	-.4780-01	-8.905	-.5400-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11. MODEL 84-OTS, VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	X10 6 1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
6	.00000	.00000	67.000	46.14	1.028	.1330-01	.3200-02	-8.854	-.4000-03
6	.00000	.40000	68.000	61.10	1.361	.1760-01	.4190-01	-8.815	-.4700-02
6	.75000-01	.00000	69.000	73.62	1.640	.2120-01	.7420-01	-8.783	-.8400-02
6	.10000+00	.00000	70.000	120.5	2.684	.3470-01	.1953	-8.662	-.2250-01
6	.60000	.00000	71.000	241.5	5.381	.6350-01	.5079	-8.349	-.6080-01
6	.60000	.10000+00	72.000	102.5	2.284	.2950-01	.1488	-8.708	-.1710-01
6	.60000	.20000	73.000	104.7	2.332	.3010-01	.1544	-8.703	-.1770-01
6	.60000	.40000	74.000	107.4	2.393	.3090-01	.1615	-8.696	-.1860-01
6	.60000	.60000	75.000	59.41	1.323	.1710-01	.3750-01	-8.819	-.4300-02
6	.60000	.80000	76.000	59.01	1.315	.1700-01	.3650-01	-8.821	-.4100-02
6	.60000	1.00000	77.000	21.22	.4728	.6100-02	-.6110-01	-8.918	-.6900-02
6	.95000	.00000	78.000	173.2	3.993	.5160-01	.3470	-8.510	-.4080-01
6	.95000	.30000	79.000	98.16	2.187	.2830-01	.1376	-8.719	-.1580-01
6	.95000	.80000	80.000	39.61	.8824	.1140-01	-.1360-01	-8.871	-.1500-02
6	1.00000	.30000	81.000	26.05	.5804	.7500-02	-.4860-01	-8.906	-.5500-02
6	1.00000	.80000	82.000	17.50	.3898	.5000-02	-.7070-01	-8.928	-.7900-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OTS, VERTICAL TAIL

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VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	ZY/B	X/CT	TAP NO	PI/P PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
2	.00000	.00000	67.000	210.4	1.832	.1082	.1911	-3.468	-.5510-01
2	.00000	.40000	68.000	224.1	1.952	.1152	.2185	-3.441	-.6350-01
2	.75000-01	.00000	69.000	624.4	5.438	.3210	1.019	-2.641	-.3859
2	.10000+00	.00000	70.000	874.0	7.611	.4493	1.518	-2.142	-.7087
2	.60000	.00000	71.000	399.1	3.476	.2052	.5685	-3.091	-.1839
2	.60000	.10000+00	72.000	139.5	1.215	.7170-01	.4940-01	-3.610	-.1370-01
2	.60000	.20000	73.000	172.0	1.498	.8840-01	.1142	-3.545	-.3220-01
2	.60000	.40000	74.000	184.6	1.608	.9490-01	.1395	-3.520	-.3960-01
2	.60000	.60000	75.000	88.82	.7735	.4570-01	.5200-01	-3.711	-.1400-01
2	.60000	.80000	76.000	78.61	.6846	.4040-01	.7240-01	-3.732	.1940-01
2	.60000	1.00000	77.000	48.32	.4208	.2480-01	.1330	-3.792	.3510-01
2	.95000	.00000	78.000	296.1	2.579	.1522	.3624	-3.297	-.1099
2	.95000	.30000	79.000	137.1	1.194	.7050-01	.4450-01	-3.615	-.1230-01
2	.95000	.80000	80.000	73.70	.6418	.3790-01	.8220-01	-3.742	.2200-01
2	1.0000	.30000	81.000	86.22	.7509	.4430-01	.5720-01	-3.717	.1540-01
2	1.0000	.80000	82.000	92.14	.8024	.4740-01	.4540-01	-3.705	.1220-01

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V02)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-2.788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
2	.00000	.00000	67.000	251.1	2.186	.1291	.2723	-3.387	-.8040-01
2	.00000	.40000	68.000	250.0	2.176	.1285	.2701	-3.389	-.7970-01
2	.75000-01	.00000	69.000	817.5	7.118	.4202	1.404	-2.255	-.6228
2	.10000*00	.00000	70.000	991.1	8.629	.5094	1.752	-1.908	-.9181
2	.60000	.00000	71.000	467.9	4.074	.2405	.7058	-2.954	-.2389
2	.60000	.10000*00	72.000	158.4	1.379	.8140-01	.8700-01	-3.572	-.2440-01
2	.60000	.20000	73.000	166.3	1.448	.8550-01	.1028	-3.557	-.2890-01
2	.60000	.40000	74.000	216.5	1.885	.1113	.2031	-3.456	-.5880-01
2	.60000	.60000	75.000	97.54	.8492	.5010-01	-.3460-01	-3.694	.9400-02
2	.60000	.80000	76.000	87.43	.7612	.4490-01	-.5480-01	-3.714	.1480-01
2	.60000	1.0000	77.000	53.14	.4627	.2730-01	-.1234	-3.783	.3260-01
2	.95000	.00000	78.000	362.0	3.152	.1861	.4940	-3.165	-.1561
2	.95000	.30000	79.000	156.1	1.359	.8020-01	.8240-01	-3.577	-.2300-01
2	.95000	.80000	80.000	77.69	.6764	.3990-01	-.7430-01	-3.734	.1990-01
2	1.0000	.30000	81.000	107.9	.9396	.5550-01	-.1390-01	-3.673	.3800-02
2	1.0000	.80000	82.000	109.5	.9536	.5630-01	-.1070-01	-3.670	.2900-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
2	.00000	.00000	67.000	305.2	2.657	.1568	.3804	-3.279	-.1160
2	.00000	.40000	68.000	296.8	2.583	.1525	.3635	-3.296	-.1103
2	.75000-01	.00000	69.000	909.8	7.920	.4675	1.589	-2.071	-.7671
2	.10000+00	.00000	70.000	1124.	9.785	.5776	2.017	-1.643	-1.228
2	.60000	.00000	71.000	548.9	4.778	.2820	.8673	-2.792	-.3106
2	.60000	.10000+00	72.000	189.6	1.650	.9740-01	.1493	-3.510	-.4250-01
2	.60000	.20000	73.000	232.4	2.023	.1194	.2349	-3.425	-.6860-01
2	.60000	.40000	74.000	257.8	2.244	.1325	.2856	-3.374	-.8460-01
2	.60000	.60000	75.000	113.9	.9919	.5860-01	-.1900-02	-3.661	.5000-03
2	.60000	.80000	76.000	102.5	.8926	.5270-01	-.2470-01	-3.684	.6700-02
2	.60000	1.0000	77.000	64.06	.5576	.3290-01	-.1016	-3.761	.2700-01
2	.95000	.00000	78.000	422.0	3.673	.2168	.6137	-3.046	-.2015
2	.30000	.00000	79.000	191.9	1.671	.9860-01	.1540	-3.505	-.4390-01
2	.95000	.80000	80.000	102.8	.8948	.5280-01	-.2420-01	-3.684	.6600-02
2	1.0000	.30000	81.000	138.6	1.207	.7120-01	.4750-01	-3.612	-.1320-01
2	1.0000	.80000	82.000	135.0	1.175	.6940-01	.4020-01	-3.619	-.1110-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
8	.00000	.00000	67.000	145.1	2.139	.5920-01	.1820	-5.437	-.3350-01
8	.00000	.40000	68.000	146.0	2.151	.5950-01	.1840	-5.435	-.3390-01
8	.75000-01	.00000	69.000	561.4	8.271	.2288	1.162	-4.457	-.2608
8	.10000+00	.00000	70.000	721.7	10.63	.2941	1.540	-4.079	-.3775
8	.60000	.00000	71.000	321.3	4.734	.1310	.5969	-5.022	-.1189
8	.60000	.10000+00	72.000	87.53	1.290	.3570-01	.4630-01	-5.573	-.8300-02
8	.60000	.20000	73.000	90.82	1.338	.3700-01	.5400-01	-5.565	-.9700-02
8	.60000	.40000	74.000	98.06	1.445	.4000-01	.7110-01	-5.548	-.1280-01
8	.60000	.60000	75.000	61.86	.9115	.2520-01	-.1420-01	-5.633	-.2500-02
8	.60000	.80000	76.000	57.13	.8418	.2330-01	-.2530-01	-5.644	.4500-02
8	.60000	1.00000	77.000	32.88	.4844	.1340-01	-.8240-01	-5.701	-.7400-01
8	.95000	.00000	78.000	232.3	3.422	.3630-01	.5000-01	-5.569	-.9000-02
8	.95000	.30000	79.000	89.08	1.312	.1340-01	-.8220-01	-5.701	-.1440-01
8	.95000	.80000	80.000	32.96	.4856	.2100-01	-.3840-01	-5.658	.6600-02
8	1.0000	.30000	81.000	51.56	.7596	.2080-01	-.3940-01	-5.659	.7000-02
8	1.0000	.80000	82.000	51.13	.7534				

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IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V02)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
8	.00000	.00000	67.000	167.0	2.463	.6820-01	.2340	-5.385	-.4340-01
8	.00000	.40000	68.000	162.6	2.398	.6630-01	.2235	-5.395	-.4140-01
8	.75000-01	.00000	69.000	418.2	6.167	.1706	.8260	-4.793	-.1723
8	.10000+00	.00000	70.000	673.6	9.934	.2748	1.428	-4.191	-.3408
8	.60000	.00000	71.000	373.7	5.510	.1524	.7211	-4.898	-.1472
8	.60000	.10000+00	72.000	109.9	1.621	.4490-01	.9930-01	-5.520	-.1800-01
8	.60000	.20000	73.000	116.7	1.721	.4760-01	.1153	-5.504	-.2090-01
8	.60000	.40000	74.000	124.2	1.832	.5070-01	.1330	-5.486	-.2420-01
8	.60000	.60000	75.000	74.65	1.101	.3050-01	.1610-01	-5.603	-.2900-02
8	.60000	.80000	76.000	66.12	.9751	.2700-01	-4.000-02	-5.623	.7000-03
8	.60000	1.00000	77.000	39.19	.5779	.1600-01	-6.750-01	-5.686	.1190-01
8	.95000	.00000	78.000	284.0	4.188	.1159	.5096	-5.109	-.9970-01
8	.95000	.30000	79.000	115.1	1.697	.4690-01	.1114	-5.507	-.2020-01
8	.95000	.80000	80.000	42.32	.6241	.1730-01	-6.010-01	-5.679	.1060-01
8	1.00000	.30000	81.000	70.44	1.039	.2870-01	.6200-02	-5.613	-.1100-02
8	1.00000	.80000	82.000	70.10	1.034	.2860-01	.5400-02	-5.613	-.1000-02

IH11. MODEL 84-OTS, VERTICAL TAIL

(RG1V02)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	2Y/B	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8		2.989	-5.000	1.985	2448.	67.75	423.7	239.7

RUN NUMBER	X/CT	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
8	.00000	67.000	219.0	3.232	.8940-01	.3568	-5.262	-.6780-01
8	.40000	68.000	217.9	3.217	.8900-01	.3544	-5.264	-.6730-01
8	.75000-01	69.000	636.4	9.394	.2599	1.342	-4.276	-.3138
8	.10000+00	70.000	969.9	14.32	.7961	2.129	-3.489	-.6102
8	.60000	71.000	402.0	5.934	.1642	.7888	-4.830	-.1633
8	.10000+00	72.000	126.6	1.869	.5170-01	.1390	-5.479	-.2540-01
8	.20000	73.000	134.5	1.986	.5490-01	.1576	-5.461	-.2890-01
8	.40000	74.000	174.9	2.581	.7140-01	.2528	-5.366	-.4710-01
8	.60000	75.000	95.06	1.403	.3880-01	.6450-01	-5.554	-.1160-01
8	.80000	76.000	82.58	1.219	.3370-01	.3500-01	-5.584	-.6300-02
8	1.0000	77.000	48.68	.7186	.1990-01	.4500-01	-5.664	.7900-02
8	.00000	78.000	337.0	4.975	.1376	.6355	-4.983	-.1275
8	.30000	79.000	112.3	1.658	.4590-01	.1052	-5.513	-.1910-01
8	.80000	80.000	56.29	.8309	.2300-01	-.2700-01	-5.646	.4800-02
8	.30000	81.000	76.49	1.129	.3120-01	.2060-01	-5.598	-.3700-02
8	.80000	82.000	74.72	1.103	.3050-01	.1650-01	-5.602	-.2900-02

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1V02)

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
5	.00000	.00000	67.000	96.31	2.144	.2770-01	.1326	-8.727	-.1520-01
5	.00000	.40000	68.000	109.1	2.428	.3140-01	.1656	-8.694	-.1900-01
5	.75000-01	.00000	69.000	285.5	6.355	.8210-01	.6207	-8.238	-.7530-01
5	.10000+00	.00000	70.000	541.8	12.06	.1558	1.282	-7.577	-.1692
5	.60000	.00000	71.000	288.8	6.428	.6300-01	.6292	-8.230	-.7650-01
5	.60000	.10000+00	72.000	73.35	1.633	.2110-01	.7330-01	-8.786	-.8300-02
5	.60000	.20000	73.000	71.09	1.582	.2040-01	.6750-01	-8.792	-.7700-02
5	.60000	.40000	74.000	75.51	1.681	.2170-01	.7890-01	-8.780	-.9000-02
5	.60000	.60000	75.000	43.33	.9645	.1250-01	.4100-02	-8.863	.5000-03
5	.60000	.80000	76.000	50.30	1.120	.1450-01	.1390-01	-8.845	.1600-02
5	.60000	1.00000	77.000	27.86	.6201	.8000-02	.4400-01	-8.903	.4900-02
5	.95000	.00000	78.000	174.0	3.873	.5000-01	.3331	-8.526	-.3910-01
5	.95000	.30000	79.000	71.47	1.591	.2050-01	.6850-01	-8.791	-.7800-02
5	.95000	.80000	80.000	26.25	.5843	.7500-02	.4820-01	-8.907	.5400-02
5	1.0000	.30000	81.000	36.50	.8123	.1050-01	-.2180-01	-8.881	.2400-02
5	1.0000	.80000	82.000	32.86	.7313	.9400-02	-.3110-01	-8.890	.3500-02

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
5	.00000	.00000	67.000	117.8	2.621	.3390-01	.1879	-8.670	-.2170-01
5	.00000	.40000	68.000	121.6	2.707	.3500-01	.1979	-8.660	-.2280-01
5	.75000-01	.00000	69.000	211.7	4.711	.6090-01	.4303	-6.427	-.5110-01
5	.10000+00	.00000	70.000	389.6	8.670	.1120	.8892	-7.968	-.1116
5	.60000	.00000	71.000	283.3	6.305	.8150-01	.6151	-8.243	-.7460-01
5	.60000	.10000+00	72.000	84.44	1.879	.2430-01	.1019	-8.756	-.1160-01
5	.60000	.20000	73.000	84.92	1.890	.2440-01	.1031	-8.755	-.1180-01
5	.60000	.40000	74.000	89.72	1.997	.2580-01	.1155	-8.742	-.1320-01
5	.60000	.60000	75.000	52.54	1.169	.1510-01	.1960-01	-8.838	-.2200-02
5	.60000	.80000	76.000	58.98	1.313	.1700-01	.3620-01	-8.821	-.4100-02
5	.60000	1.0000	77.000	34.92	.7772	.1000-01	-.2580-01	-8.883	-.2900-02
5	.95000	.00000	78.000	227.8	5.070	.6550-01	.4718	-8.386	-.5630-01
5	.95000	.30000	79.000	67.63	1.505	.1940-01	.5850-01	-8.799	-.6700-02
5	.95000	.80000	80.000	28.23	.6283	.8100-02	-.4310-01	-8.901	.4800-02
5	1.0000	.30000	81.000	38.48	.8564	.1110-01	-.1660-01	-8.874	.1900-02
5	1.0000	.80000	82.000	39.33	.8753	.1130-01	-.1450-01	-8.872	.1600-02

IH11, MODEL 84-OTS, VERTICAL TAIL

(RGIV02)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
5	.00000	.00000	67.000	160.9	3.580	.4630-01	.2991	-8.559	-.3500-01
5	.00000	.40000	68.000	155.1	3.451	.4460-01	.2841	-8.574	-.3310-01
5	.75000-01	.00000	69.000	444.6	9.894	.1278	1.031	-7.827	-.1317
5	.10000+00	.00000	70.000	786.8	17.51	.2262	1.914	-6.944	-.2756
5	.60000	.00000	71.000	337.6	7.512	.5700-01	.7550	-8.103	-.9320-01
5	.60000	.10000+00	72.000	80.88	1.800	.2330-01	.9270-01	-8.765	-.1060-01
5	.60000	.20000	73.000	84.65	1.884	.2430-01	1.024	-8.755	-.1170-01
5	.60000	.40000	74.000	92.46	2.058	.2660-01	1.226	-8.735	-.1400-01
5	.60000	.60000	75.000	63.18	1.406	.1820-01	.4710-01	-8.811	-.5300-02
5	.60000	.80000	76.000	71.20	1.584	.2050-01	.6780-01	-8.790	-.7700-02
5	.60000	1.00000	77.000	41.80	.9302	.1200-01	-.8100-02	-8.866	-.9000-03
5	.95000	.00000	78.000	296.9	6.608	.8540-01	.6501	-8.208	-.7920-01
5	.95000	.30000	79.000	82.73	1.841	.2380-01	.9750-01	-8.760	-.1110-01
5	.95000	.80000	80.000	31.04	.6907	.8900-02	-.3590-01	-8.894	-.4000-02
5	1.0000	.30000	81.000	51.04	1.136	.1470-01	.1570-01	-8.842	-.1800-02
5	1.0000	.80000	82.000	51.54	1.147	.1480-01	.1700-01	-8.841	-.1900-02

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-.1193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(SI)	CP1/S1
1	.0000	.0000	67.000	186.8	1.626	.9600-01	.1438	-3.516	-.4090-01
1	.0000	.40000	68.000	171.9	1.497	.8840-01	.1140	-3.545	-.3220-01
1	.75000-01	.00000	69.000	345.2	3.006	.1774	.4605	-3.199	-.1439
1	.10000+00	.00000	70.000	705.5	6.143	.7627	1.181	-2.478	-.4765
1	.60000	.00000	71.000	470.8	4.100	.6420	.7117	-2.948	-.2414
1	.60000	.10000+00	72.000	100.3	.8733	.5160-01	-.2910-01	-3.688	.7900-02
1	.60000	.20000	73.000	103.8	.9037	.5340-01	-.2210-01	-3.661	.6000-02
1	.60000	.40000	74.000	107.5	.9357	.5520-01	-.1480-01	-3.674	.4000-02
1	.60000	.60000	75.000	52.56	.4577	.2700-01	-.1245	-3.784	.3290-01
1	.60000	.80000	76.000	58.57	.5100	.3010-01	-.1125	-3.772	.2980-01
1	.60000	1.0000	77.000	53.30	.4642	.2740-01	-.1230	-3.782	.3250-01
1	.95000	.00000	78.000	352.4	3.068	.1812	.4749	-3.184	-.1491
1	.95000	.30000	79.000	110.8	.9647	.5700-01	-.8100-02	-3.667	.2200-02
1	.95000	.80000	80.000	53.39	.4649	.2740-01	-.1229	-3.782	.3250-01
1	1.0000	.30000	81.000	69.44	.6046	.3570-01	-.9080-01	-3.750	.2420-01
1	1.0000	.80000	82.000	46.09	.4013	.2370-01	-.1375	-3.797	.3620-01

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
1	.00000	.00000	67.000	146.2	1.273	.7510-01	.6260-01	-3.597	-.1740-01
1	.00000	.40000	68.000	148.5	1.293	.7630-01	.6710-01	-3.592	-.1870-01
1	.75000-01	.00000	69.000	168.1	1.463	.8640-01	.1063	-3.553	-.2990-01
1	.10000+00	.00000	70.000	239.7	2.087	.1232	.2495	-3.410	-.7320-01
1	.60000	.00000	71.000	400.8	3.489	.2060	.5714	-3.088	-.1850
1	.60000	.10000+00	72.000	80.79	.7033	.4150-01	-.6810-01	-3.726	.1830-01
1	.60000	.20000	73.000	84.47	.7353	.4340-01	-.6080-01	-3.720	.1630-01
1	.60000	.40000	74.000	85.03	.7402	.4370-01	-.5960-01	-3.719	.1600-01
1	.60000	.60000	75.000	42.99	.3743	.2210-01	-.1437	-3.803	.3780-01
1	.60000	.80000	76.000	49.97	.4350	.2570-01	-.1297	-3.789	.3420-01
1	.60000	1.0000	77.000	45.57	.3967	.2340-01	-.1385	-3.798	.3650-01
1	.95000	.00000	78.000	297.8	2.592	.1530	.3655	-3.294	-.1110
1	.95000	.30000	79.000	93.88	.8172	.4820-01	-.4200-01	-3.701	.1130-01
1	.95000	.80000	80.000	45.66	.3974	.2350-01	-.1383	-3.798	.3640-01
1	1.0000	.30000	81.000	26.96	.2347	.1390-01	-.1757	-3.835	.4580-01
1	1.0000	.80000	82.000	32.88	.2862	.1690-01	-.1639	-3.823	.4290-01

TEST DATA

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V03)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
7	.00000	.00000	67.000	170.0	2.510	.6940-01	.2413	-5.381	-.4480-01
7	.00000	.40000	68.000	150.7	2.224	.6150-01	.1956	-5.427	-.3610-01
7	.75000-01	.00000	69.000	909.8	13.43	.3712	1.986	-3.636	-.5463
7	.10000+00	.00000	70.000	931.7	13.75	.7801	2.038	-3.584	-.5686
7	.60000	.00000	71.000	404.0	5.964	.1648	.7932	-4.829	-.1643
7	.60000	.10000+00	72.000	72.59	1.072	.2960-01	.1140-01	-5.611	-.2000-02
7	.60000	.20000	73.000	73.34	1.083	.2990-01	.1320-01	-5.609	-.2400-02
7	.60000	.40000	74.000	74.75	1.103	.3050-01	.1650-01	-5.606	-.3000-02
7	.60000	.60000	75.000	38.67	.5709	.1580-01	-.6860-01	-5.691	-.1200-01
7	.60000	.80000	76.000	42.25	.6236	.1720-01	-.6010-01	-5.683	-.1060-01
7	.60000	1.0000	77.000	38.51	.5685	.1570-01	-.6900-01	-5.691	-.1210-01
7	.95000	.00000	78.000	345.1	5.095	.1408	.6543	-4.968	-.1317
7	.95000	.30000	79.000	83.84	1.238	.3420-01	.3800-01	-5.584	-.6800-02
7	.95000	.80000	80.000	39.78	.5873	.1620-01	-.6590-01	-5.688	-.1160-01
7	1.0000	.30000	81.000	69.24	1.022	.2820-01	.3500-02	-5.619	-.6000-03
7	1.0000	.80000	82.000	47.85	.7063	.1950-01	-.4600-01	-5.669	-.8300-02

IHI1, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-3186-01	X10.6 2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
7	.00000	.00000	67.000	125.9	1.857	.5130-01	.1370	-5.485	-.2500-01
7	.00000	.40000	68.000	115.8	1.709	.4720-01	.1133	-5.508	-.2060-01
7	.75000-01	.00000	69.000	257.0	3.790	.1048	.4459	-5.176	-.8610-01
7	.10000+00	.00000	70.000	571.3	8.426	.2329	1.187	-4.435	-.2676
7	.60000	.00000	71.000	361.5	5.332	.1474	.6923	-4.929	-.1404
7	.60000	.10000+00	72.000	58.36	.8608	.2380-01	-.2220-01	-5.644	.3900-02
7	.60000	.20000	73.000	56.01	.8261	.2280-01	-.2780-01	-5.650	.4900-02
7	.60000	.40000	74.000	59.21	.8733	.2410-01	-.2020-01	-5.642	.3600-02
7	.60000	.60000	75.000	28.25	.4167	.1150-01	-.9320-01	-5.715	.1630-01
7	.60000	.80000	76.000	39.88	.5882	.1630-01	-.6580-01	-5.688	.1160-01
7	.60000	1.0000	77.000	32.85	.4846	.1340-01	-.8240-01	-5.704	.1440-01
7	.95000	.00000	78.000	286.8	4.231	.1169	.5163	-5.105	-.1011
7	.95000	.30000	79.000	64.69	.9542	.2640-01	-.7300-02	-5.629	.1300-02
7	.95000	.80000	80.000	32.17	.4746	.1310-01	-.8400-01	-5.706	.1470-01
7	1.0000	.30000	81.000	50.30	.7419	.2050-01	-.4120-01	-5.663	.7300-02
7	1.0000	.80000	82.000	35.05	.5170	.1430-01	-.7720-01	-5.699	.1350-01

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V03)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
7	.00000	.00000	67.000	74.84	1.104	.3050-01	.1660-01	-5.603	-.3000-02
7	.00000	.40000	68.000	105.3	1.553	.4300-01	.8840-01	-5.531	-.1600-01
7	.75000-01	.00000	69.000	89.71	1.323	.3660-01	.5160-01	-5.568	-.9300-02
7	.10000+00	.00000	70.000	127.1	1.874	.5180-01	.1397	-5.480	-.2550-01
7	.60000	.00000	71.000	301.7	4.449	.1231	.5514	-5.068	-.1088
7	.60000	.10000+00	72.000	56.68	.8359	.2310-01	-.2620-01	-5.646	.4600-02
7	.60000	.20000	73.000	55.93	.8248	.2280-01	-.2800-01	-5.648	.5000-02
7	.60000	.40000	74.000	54.52	.8040	.2220-01	-.3130-01	-5.651	.5500-02
7	.60000	.60000	75.000	27.61	.4072	.1130-01	-.9480-01	-5.715	.1660-01
7	.60000	.80000	76.000	35.30	.5206	.1440-01	-.7660-01	-5.696	.1350-01
7	.60000	1.0000	77.000	27.68	.4082	.1130-01	-.9460-01	-5.714	.1660-01
7	.95000	.00000	78.000	223.4	3.294	.9110-01	.3668	-5.253	-.6980-01
7	.95000	.30000	79.000	48.51	.7154	.1980-01	-.4550-01	-5.665	.8000-02
7	.95000	.80000	80.000	28.27	.4169	.1150-01	-.9320-01	-5.713	.1630-01
7	1.0000	.30000	81.000	34.37	.5068	.1400-01	-.7880-01	-5.699	.1380-01
7	1.0000	.80000	82.000	20.73	.3058	.8500-02	-.1110	-5.731	-.1940-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-QTS, VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
7	.00000	.00000	67.000	74.52	1.099	.3040-01	.1580-01	-5.604	-.2800-02
7	.00000	.40000	68.000	106.2	1.566	.4330-01	.9050-01	-5.529	-.1640-01
7	.75000-01	.00000	69.000	90.23	1.330	.3680-01	.5280-01	-5.567	-.9500-02
7	.10000+00	.00000	70.000	131.6	1.941	.5370-01	.1504	-5.469	-.2750-01
7	.60000	.00000	71.000	301.4	4.444	.1229	.5505	-5.069	-.1086
7	.60000	.10000+00	72.000	56.73	.8363	.2310-01	-.2620-01	-5.646	.4600-02
7	.60000	.20000	73.000	55.69	.8211	.2270-01	-.2860-01	-5.648	.5100-02
7	.60000	.40000	74.000	54.09	.7975	.2210-01	-.3240-01	-5.652	.5700-02
7	.60000	.60000	75.000	27.36	.4034	.1120-01	-.9540-01	-5.715	.1670-01
7	.60000	.80000	76.000	35.18	.5186	.1430-01	-.7690-01	-5.697	.1350-01
7	.60000	1.00000	77.000	27.48	.4051	.1120-01	-.9510-01	-5.715	.1660-01
7	.95000	.00000	78.000	223.4	3.294	.9110-01	.3667	-5.253	-.6980-01
7	.95000	.30000	79.000	48.04	.7083	.1960-01	-.4660-01	-5.665	.8200-02
7	.95000	.80000	80.000	27.90	.4113	.1140-01	-.9410-01	-5.714	.1650-01
7	1.0000	.30000	81.000	34.59	.5099	.1410-01	-.7830-01	-5.698	.1370-01
7	1.0000	.80000	82.000	20.54	.3027	.8400-02	-.1115	-5.731	-.1940-01

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V03)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	PI/FO	CP(1)	CP(S1)	CPI/S1
4	.00000	.00000	67.000	135.4	3.016	.3890-01	.2336	-8.626	-.2710-01
4	.00000	.40000	68.000	126.5	2.817	.3640-01	.2106	-8.649	-.2430-01
4	.75000-01	.00000	69.000	923.9	20.57	.2657	2.269	-6.591	-.3442
4	.10000+00	.00000	70.000	853.1	19.00	.2453	2.086	-6.774	-.3079
4	.60000	.00000	71.000	364.8	8.122	.1049	.8255	-8.034	-.1027
4	.60000	.10000+00	72.000	61.84	1.377	.1780-01	.4370-01	-8.816	-.5000-02
4	.60000	.20000	73.000	57.33	1.277	.1650-01	.3210-01	-8.827	-.3600-02
4	.60000	.40000	74.000	54.32	1.210	.1560-01	.2430-01	-8.835	-.2700-02
4	.60000	.60000	75.000	28.10	.6257	.8100-02	-.4340-01	-8.903	.4900-02
4	.60000	.80000	76.000	42.04	.9362	.1210-01	-.7400-02	-8.867	.8000-03
4	.60000	1.00000	77.000	30.21	.6727	.8700-02	-.3790-01	-8.897	.4300-02
4	.95000	.00000	78.000	300.6	6.694	.8640-01	.6600	-8.199	-.8050-01
4	.95000	.30000	79.000	65.97	1.469	.1900-01	.5430-01	-8.805	-.6200-02
4	.95000	.80000	80.000	33.34	.7423	.9600-02	-.2990-01	-8.889	-.3400-02
4	1.0000	.30000	81.000	50.50	1.124	.1450-01	.1440-01	-8.845	-.1600-02
4	1.0000	.80000	82.000	43.23	.9625	.1240-01	-.4300-02	-8.864	.5000-03

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V03)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-1.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
4	.00000	.00000	67.000	84.20	1.874	.2420-01	.1013	-8.757	-.1160-01
4	.00000	.40000	68.000	81.19	1.807	.2330-01	.9350-01	-8.765	-.1070-01
4	.75000-01	.00000	69.000	216.4	4.814	.6220-01	.4422	-8.416	-.5250-01
4	.10000*00	.00000	70.000	577.4	12.85	.1560	1.374	-7.485	-.1835
4	.60000	.00000	71.000	328.7	7.314	.5450-01	.7319	-8.126	-.9010-01
4	.60000	.10000*00	72.000	49.21	1.095	.1410-01	.1100-01	-8.847	-.1200-02
4	.60000	.20000	73.000	44.32	.982	.1270-01	-.1600-02	-8.860	-.2000-03
4	.60000	.40000	74.000	41.12	.9150	.1180-01	-.9900-02	-8.868	.1100-02
4	.60000	.60000	75.000	21.56	.4797	.6200-02	-.6030-01	-8.918	.6800-02
4	.60000	.80000	76.000	37.87	.8428	.1090-01	-.1820-01	-8.876	.2100-02
4	.95000	1.00000	77.000	23.06	.5132	.6600-02	-.5640-01	-8.915	.6300-02
4	.95000	.00000	78.000	229.6	5.110	.1460-01	.4765	-8.382	-.5680-01
4	.95000	.30000	79.000	50.91	1.133	.7600-02	.1540-01	-8.843	-.1700-02
4	.95000	.80000	80.000	26.45	.5885	.1010-01	-.2500-01	-8.906	.5400-02
4	1.0000	.30000	81.000	35.25	.7844	.7200-02	-.5160-01	-8.883	.2800-02
4	1.0000	.80000	82.000	24.92	.5546			-8.910	.5800-02

IH11. MODEL 84-OTS. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	X10 6 1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
4	.00000	.00000	67.000	45.20	1.006	.1300-01	.7000-03	-8.857	-1000.03
4	.00000	.40000	68.000	71.34	1.588	.2350-01	.5810-01	-8.790	-.7800-02
4	.75000-01	.00000	69.000	79.62	1.772	.2290-01	.8950-01	-8.768	-.1020-01
4	.10000*00	.00000	70.000	128.7	2.864	.3700-01	.2161	-8.642	-.2500-01
4	.60000	.00000	71.000	260.2	5.792	.480-01	.5555	-8.302	-.6690-01
4	.60000	.10000*00	72.000	35.89	.7988	.1030-01	-.2330-01	-8.881	-.2600-02
4	.60000	.20000	73.000	31.10	.6921	.8900-02	-.3570-01	-8.894	.4000-02
4	.60000	.40000	74.000	31.47	.7005	.9000-02	-.3470-01	-8.893	.3900-02
4	.60000	.60000	75.000	18.78	.4179	.5400-02	-.6750-01	-8.925	.7600-02
4	.60000	.80000	76.000	35.89	.7988	.1030-01	-.2330-01	-8.881	.2600-02
4	.60000	1.00000	77.000	20.23	.4503	.9800-02	-.6370-01	-8.922	.7100-02
4	.95000	.00000	78.000	183.1	4.075	.5260-01	.3564	-8.502	-.4190-01
4	.95000	.30000	79.000	37.08	.8252	.1070-01	-.2030-01	-8.879	.2300-02
4	.95000	.80000	80.000	21.84	.4861	.6300-02	-.5960-01	-8.918	.6700-02
4	1.0000	.30000	81.000	22.69	.5049	.6500-02	-.5740-01	-8.915	.6400-02
4	1.0000	.80000	82.000	16.76	.3731	.4800-02	-.7270-01	-8.931	.8100-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	ZY/B	X/CT	TAP NO	PL11 PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
10	.00000	.00000	67.000	135.7	1.180	.6970-01	.4130-01	-3.618	-.1140-01
10	.00000	.40000	68.000	173.7	1.510	.8910-01	.1170	-3.543	-.3300-01
10	.75000-01	.00000	69.000	140.9	1.225	.7230-01	.5170-01	-3.608	-.1430-01
10	.10000-00	.00000	70.000	175.6	1.527	.9010-01	.1209	-3.539	-.3420-01
10	.60000	.00000	71.000	375.7	3.266	.1928	.5202	-3.139	-.1657
10	.60000	.10000*00	72.000	279.8	2.432	.1436	.3288	-3.331	-.9870-01
10	.60000	.20000	73.000	270.1	2.348	.1386	.3094	-3.350	-.9240-01
10	.60000	.40000	74.000	243.5	2.116	.1249	.2563	-3.403	-.7530-01
10	.60000	.60000	75.000	116.0	1.008	.5950-01	.1900-02	-3.658	-.5000-03
10	.60000	.80000	76.000	105.9	.9209	.5440-01	-.1810-01	-3.678	.4900-02
10	.60000	1.0000	77.000	45.66	.3969	.2340-01	-.1385	-3.798	.3650-01
10	.95000	.00000	78.000	288.1	2.504	.1478	.3453	-3.314	-.1042
10	.95000	.30000	79.000	251.0	2.182	.1288	.2713	-3.388	-.8010-01
10	.95000	.80000	80.000	98.40	.8554	.5050-01	-.3320-01	-3.693	.9000-02
10	1.0000	.30000	81.000	41.25	.3586	.2120-01	-.1472	-3.807	.3870-01
10	1.0000	.80000	82.000	38.97	.3388	.2000-01	-.1518	-3.811	.3980-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OTS. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
10	.00000	.00000	67.000	174.9	1.520	.8970-01	.1193	-3.541	-.3370-01
10	.00000	.40000	68.000	236.1	2.052	.1211	.2415	-3.418	-.7060-01
10	.75000-01	.00000	69.000	299.3	2.601	.1535	.3675	-3.292	-.1116
10	.10000+00	.00000	70.000	623.8	5.421	.3199	1.015	-2.645	-.3837
10	.60000	.00000	71.000	439.5	3.819	.2254	.6472	-3.013	-.2148
10	.60000	.10000+00	72.000	326.6	2.838	.1675	.4219	-3.238	-.1303
10	.60000	.20000	73.000	300.5	2.611	.1541	.3699	-3.290	-.1124
10	.60000	.40000	74.000	266.2	2.314	.1366	.3016	-3.358	-.8980-01
10	.60000	.60000	75.000	122.9	1.068	.6300-01	.1560-01	-3.644	-.4300-02
10	.60000	.80000	76.000	111.5	.9688	.5720-01	-.7200-02	-3.667	-.2000-02
10	.60000	1.0000	77.000	54.98	.4778	.2820-01	-.1199	-3.780	.3170-01
10	.95000	.00000	78.000	350.3	3.044	.1797	.4692	-3.191	-.1471
10	.95000	.30000	79.000	276.3	2.401	.1417	.3217	-3.338	-.9640-01
10	.95000	.80000	80.000	104.1	.9048	.3340-01	-.2190-01	-3.682	.5900-02
10	1.0000	.30000	81.000	86.92	.7554	.4460-01	-.5620-01	-3.716	.1510-01
10	1.0000	.80000	82.000	52.61	.4572	.2700-01	-.1246	-3.784	.3290-01

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	2Y/B	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10		2.495	-4.990	2.166	1948.	1:5.0	501.0	287.7

RUN NUMBER	X/CT	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
10	.00000	67.000	213.9	1.860	.1098	.1973	-3.462	-.5700-01
10	.40000	68.000	315.4	2.742	.1619	.3999	-3.260	-.1227
10	.75000-01	69.000	502.2	4.367	.2577	.7729	-2.887	-.2677
10	.10000+00	70.000	1001.	8.702	.5136	1.768	-1.892	-.9347
10	.60000	71.000	506.3	4.403	.4599	.7811	-2.879	-.2714
10	.10000+00	72.000	363.8	3.163	.1867	.4966	-3.163	-.1570
10	.20000	73.000	340.0	2.956	.1745	.4491	-3.211	-.1399
10	.40000	74.000	303.0	2.635	.1555	.3753	-3.284	-.1143
10	.60000	75.000	139.5	1.213	.7160-01	.4900-01	-3.611	-.1360-01
10	.80000	76.000	132.1	1.148	.6780-01	.3410-01	-3.626	-.9400-02
10	.60000	77.000	68.09	.5920	.3490-01	-.3370-01	-3.753	.2500-01
10	1.0000	78.000	407.5	3.543	.2091	.5838	-3.076	-.1898
10	.00000	79.000	315.2	2.741	.1618	.3996	-3.260	-.1226
10	.30000	80.000	118.4	1.030	.6080-01	.6900-02	-3.653	-.1900-02
10	.80000	81.000	108.9	.9468	.5590-01	-.1220-01	-3.672	-.3300-02
10	.30000	82.000	63.35	.5508	.3250-01	-.1031	-3.763	-.2740-01
10	.80000							

TEST DATA

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
11	.00000	.00000	67.000	306.4	2.664	.1572	.3820	-3.278	-.1165
11	.00000	.40000	68.000	298.6	2.596	.1532	.3664	-3.293	-.1113
11	.75000-01	.00000	69.000	897.5	7.804	.4607	1.562	-2.098	-.7447
11	.10000+00	.00000	70.000	1134.	9.861	.5921	2.034	-1.625	-1.252
11	.60000	.00000	71.000	549.3	4.776	.2820	.8670	-2.793	-.3105
11	.60000	.10000+00	72.000	190.1	1.653	.9760-01	.1498	-3.510	-.4270-01
11	.60000	.20000	73.000	226.7	1.971	.1163	.2229	-3.437	-.6490-01
11	.60000	.40000	74.000	257.6	2.240	.1322	.2847	-3.375	-.8440-01
11	.60000	.60000	75.000	113.6	.9874	.5830-01	-.2900-02	-3.662	.8000-03
11	.60000	.80000	76.000	102.1	.8879	.5240-01	-.2570-01	-3.685	.7000-02
11	.60000	1.0000	77.000	63.50	.5521	.3260-01	-.1028	-3.762	.2730-01
11	.95000	.00000	78.000	425.8	3.702	.2185	.6203	-3.039	-.2041
11	.95000	.30000	79.000	192.2	1.672	.9870-01	.1542	-3.505	-.4400-01
11	.95000	.80000	80.000	100.9	.8776	.5180-01	-.2810-01	-3.688	.7600-02
11	1.0000	.30000	81.000	138.6	1.205	.7120-01	.4710-01	-3.613	-.1310-01
11	1.0000	.80000	82.000	135.4	1.177	.6950-01	.4070-01	-3.619	-.1130-01

IH11, MODEL 84-OTS, VERTICAL TAIL

(RG1V05)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	2Y/B	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	1948.	115.0	500.8	287.5		

TEST DATA

RUN NUMBER	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
11	.00000	67.000	254.5	2.214	.1307	.2787	-3.381	-.8240-01
11	.40000	68.000	250.8	2.181	.1288	.2712	-3.389	-.8000-01
11	.75000-01	69.000	805.2	7.004	.4134	1.378	-2.281	-.6042
11	.10000+00	70.000	998.9	8.689	.5129	1.765	-1.895	-.9316
11	.00000	71.000	467.7	4.068	.2401	.7044	-2.955	-.2383
11	.10000+00	72.000	156.5	1.362	.8040-01	.8300-01	-3.577	-.2320-01
11	.60000	73.000	171.2	1.489	.8790-01	.1123	-3.547	-.3170-01
11	.40000	74.000	216.9	1.887	.1114	.2036	-3.456	-.5890-01
11	.60000	75.000	96.90	.8428	.4970-01	-.3610-01	-3.696	-.9800-02
11	.80000	76.000	87.11	.7577	.4470-01	-.5560-01	-3.715	-.1500-01
11	.60000	77.000	53.59	.4662	.2750-01	-.1226	-3.782	-.3240-01
11	.95000	78.000	363.3	3.161	.1866	.4960	-3.164	-.1568
11	.30000	79.000	156.0	1.357	.8010-01	.8190-01	-3.578	-.2290-01
11	.80000	80.000	76.27	.6635	.3920-01	-.7730-01	-3.737	-.2070-01
11	.10000	81.000	107.7	.9366	.5530-01	-.1460-01	-3.674	-.4000-02
11	.80000	82.000	109.3	.9506	.5610-01	-.1130-01	-3.671	-.3100-02

IH11, MODEL 84-OTS, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)	CPI/SI
11	.00000	.00000	67.000	213.9	1.859	.1097	.1972	-3.463	-3.463	-.5700-01
11	.00000	.40000	68.000	224.9	1.955	.1154	.2192	-3.440	-3.440	-.6370-01
11	.75000-01	.00000	69.000	646.7	5.622	.3318	1.061	-2.599	-2.599	-.4083
11	.10000*00	.00000	70.000	876.0	7.616	.4495	1.519	-2.141	-2.141	-.7094
11	.60000	.00000	71.000	397.4	3.454	.2039	.5635	-3.096	-3.096	-.1820
11	.60000	.10000*00	72.000	140.0	1.217	.7180-01	.4970-01	-3.610	-3.610	-.1380-01
11	.60000	.20000	73.000	174.4	1.516	.8950-01	.1185	-3.541	-3.541	-.3350-01
11	.60000	.40000	74.000	184.6	1.605	.9470-01	.1388	-3.521	-3.521	-.3940-01
11	.60000	.60000	75.000	86.00	.7477	.4410-01	-.5790-01	-3.718	-3.718	.1560-01
11	.60000	.80000	76.000	76.66	.6664	.3930-01	-.7660-01	-3.736	-3.736	.2050-01
11	.60000	1.0000	77.000	47.18	.4101	.2420-01	-.1354	-3.795	-3.795	.3570-01
11	.95000	.00000	78.000	296.0	2.573	.1519	.3612	-3.299	-3.299	-.1095
11	.95000	.30000	79.000	136.6	1.187	.7010-01	.4300-01	-3.617	-3.617	-.1190-01
11	.95000	.80000	80.000	71.58	.6222	.3670-01	-.8670-01	-3.746	-3.746	.2310-01
11	1.0000	.30000	81.000	85.05	.7394	.4360-01	-.5980-01	-3.720	-3.720	.1610-01
11	1.0000	.80000	82.000	91.40	.7946	.4690-01	-.4720-01	-3.707	-3.707	.1270-01

TEST DATA

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CPI/SI
12	.00000	.00000	67.000	145.6	1.266	.7470-01	.6110-01	-3.599	-.1700-01
12	.00000	.40000	68.000	150.6	1.309	.7730-01	.7100-01	-3.589	-.1980-01
12	.75000-01	.00000	69.000	165.1	1.435	.8470-01	.1000+00	-3.560	-.2810-01
12	.10000+00	.00000	70.000	248.4	2.160	.1275	.2664	-3.393	-.7850-01
12	.60000	.00000	71.000	401.1	3.488	.2059	.5712	-3.089	-.1849
12	.60000	.10000+00	72.000	80.59	.7007	.4140-01	-.6870-01	-3.729	.1840-01
12	.60000	.20000	73.000	83.98	.7302	.4310-01	-.6190-01	-3.722	.1660-01
12	.60000	.40000	74.000	84.82	.7376	.4350-01	-.6030-01	-3.720	.1620-01
12	.60000	.60000	75.000	42.67	.3710	.2190-01	-.1444	-3.804	.3800-01
12	.60000	.80000	76.000	47.68	.4146	.2450-01	-.1344	-3.794	.3540-01
12	.60000	1.0000	77.000	44.72	.3888	.2300-01	-.1403	-3.800	.3690-01
12	.95000	.00000	78.000	297.7	2.588	.1528	.3647	-3.295	-.1107
12	.95000	.30000	79.000	92.47	.8040	.4750-01	-.4500-01	-3.705	.1210-01
12	.95000	.80000	80.000	44.89	.3903	.2300-01	-.1400	-3.800	.3680-01
12	1.0000	.30000	81.000	26.35	.2291	.1350-01	-.1770	-3.837	.4610-01
12	1.0000	.80000	82.000	32.44	.2821	.1670-01	-.1648	-3.825	.4310-01

IHI1, MODEL 84-OTS, VERTICAL TAIL

(RGIV06)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	ZY/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
12	.00000	.00000	67.000	191.8	1.669	.9850-01	.1535	-3.506	-.4380-01
12	.00000	.40000	68.000	173.7	1.512	.8920-01	.1174	-3.542	-.3320-01
12	.75000-01	.00000	69.000	380.6	3.311	.1955	.5306	-3.129	-.1696
12	1.0000+00	.00000	70.000	775.0	6.742	.3980	1.318	-2.341	-.5630
12	.60000	.00000	71.000	468.7	4.078	.2407	.7066	-2.953	-.2393
12	.60000	.10000+00	72.000	100.4	.8737	.5160-01	-.2900-01	-3.689	.7900-02
12	.60000	.20000	73.000	104.2	.9065	.5350-01	-.2150-01	-3.681	.5800-02
12	.60000	.40000	74.000	108.1	.9400	.5550-01	-.1380-01	-3.673	.3700-02
12	.60000	.60000	75.000	52.52	.4569	.2700-01	-.1247	-3.784	.3290-01
12	.60000	.80000	76.000	59.88	.5209	.3080-01	-.1100	-3.770	.2920-01
12	.60000	1.0000	77.000	55.90	.4863	.2870-01	-.1179	-3.778	.3120-01
12	.95000	.00000	78.000	356.1	3.098	.1829	.4816	-3.178	-.1515
12	.95000	.30000	79.000	113.3	.9859	.5820-01	-.3200-02	-3.663	.9000-03
12	.95000	.80000	80.000	56.07	.4878	.2880-01	-.1176	-3.777	.3110-01
12	1.0000	.30000	81.000	75.04	.6528	.3850-01	-.7970-01	-3.739	.2130-01
12	1.0000	.80000	82.000	48.70	.4237	.2500-01	-.1323	-3.792	.3490-01

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
12	.00000	.00000	67.000	227.9	1.983	.1171	.2257	-3.434	-.6570-01
12	.00000	.40000	68.000	221.4	1.926	.1137	.2127	-3.447	-.6170-01
12	.75000-01	.00000	69.000	564.5	4.911	.2899	.8979	-2.762	-.3251
12	.10000+00	.00000	70.000	1039.	9.043	.5338	1.846	-1.813	-1.018
12	.60000	.00000	71.000	537.3	4.674	.2759	.8436	-2.816	-.2995
12	.60000	.10000+00	72.000	109.5	.9524	.5620-01	-.1090-01	-3.671	.3000-02
12	.60000	.20000	73.000	121.5	1.057	.6240-01	.1310-01	-3.646	-.3600-02
12	.60000	.40000	74.000	131.6	1.145	.6760-01	.3320-01	-3.626	-.9200-02
12	.60000	.60000	75.000	77.01	.6700	.3960-01	-.7580-01	-3.735	.2030-01
12	.60000	.80000	76.000	82.34	.7164	.4230-01	-.6510-01	-3.725	.1750-01
12	.60000	1.0000	77.000	68.03	.5919	.3490-01	-.9370-01	-3.753	.2500-01
12	.95000	.00000	78.000	422.7	3.677	.2171	.6146	-3.045	-.2018
12	.95000	.30000	79.000	121.3	1.055	.6230-01	.1270-01	-3.647	-.3500-02
12	.95000	.80000	80.000	67.10	.5838	.3450-01	-.9560-01	-3.755	.2540-01
12	1.0000	.30000	81.000	111.6	.9705	.5730-01	-.6800-02	-3.666	.1800-02
12	1.0000	.80000	82.000	56.52	.4917	.2900-01	-.1167	-3.776	.3090-01

IHI1, MODEL 84-OT, VERTICAL TAIL

(RG1V07)

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
21	.00000	.00000	67.000	164.6	1.432	.8450-01	.9910-01	-3.560	-.2780-01
21	.00000	.40000	68.000	324.7	2.823	.1667	.4186	-3.241	-.1292
21	.75000-01	.00000	69.000	480.6	4.179	.2467	.7299	-2.930	-.2492
21	.10000+00	.00000	70.000	940.4	8.177	.4827	1.648	-2.012	-.8191
21	.60000	.00000	71.000	510.2	4.437	.6619	.7891	-2.870	-.2749
21	.60000	.10000+00	72.000	365.7	3.180	.1877	.5005	-3.159	-.1584
21	.60000	.20000	73.000	343.1	2.984	.1761	.4554	-3.204	-.1421
21	.60000	.40000	74.000	304.2	2.645	.1562	.3777	-3.282	-.1151
21	.60000	.60000	75.000	140.7	1.224	.7230-01	.5140-01	-3.608	-.1420-01
21	.60000	.80000	76.000	130.7	1.137	.6710-01	.3130-01	-3.628	-.8600-02
21	.60000	1.00000	77.000	62.39	.5425	.3200-01	-.1050	-3.764	.2790-01
21	.95000	.00000	78.000	409.3	3.559	.2101	.5875	-3.072	-.1912
21	.95000	.30000	79.000	313.6	2.727	.1610	.3965	-3.263	-.1215
21	.95000	.80000	80.000	117.9	1.025	.6050-01	.5800-02	-3.654	-.1600-02
21	1.00000	.30000	81.000	111.2	.9672	.5710-01	-.7500-02	-3.667	.2100-02
21	1.00000	.80000	82.000	67.56	.5874	.3470-01	-.9470-01	-3.754	.2520-01

IH11, MODEL 84-OT, VERTICAL TAIL

(RG1V07)

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
21	.00000	.00000	67.000	141.0	1.226	.7240-01	.5200-01	-3.607	-.1440-01
21	.00000	.40000	68.000	258.2	2.245	.1326	.2859	-3.374	-.8480-01
21	.75000-01	.00000	69.000	341.7	2.972	.1754	.4527	-3.207	-.1412
21	.10000+00	.00000	70.000	755.5	6.570	.7878	1.279	-2.381	-.5371
21	.60000	.00000	71.000	416.2	3.619	.2137	.6014	-3.058	-.1966
21	.60000	.10000+00	72.000	324.5	2.822	.1666	.4183	-3.241	-.1291
21	.60000	.20000	73.000	303.3	2.637	.1557	.3759	-3.284	-.1145
21	.60000	.40000	74.000	271.3	2.359	.1393	.3120	-3.347	-.9320-01
21	.60000	.60000	75.000	125.3	1.090	.6430-01	.2060-01	-3.639	-.5700-02
21	.60000	.80000	76.000	118.7	1.033	.6100-01	.7500-02	-3.652	-.2000-02
21	.60000	1.0000	77.000	55.58	.4833	.2850-01	-.1186	-3.778	-.3140-01
21	.95000	.00000	78.000	347.3	3.021	.1783	.4639	-3.196	-.1452
21	.95000	.30000	79.000	283.1	2.462	.1453	.3356	-3.324	-.1010
21	.95000	.80000	80.000	111.7	.9716	.5740-01	-.6500-02	-3.666	-.1800-02
21	1.0000	.30000	81.000	78.04	.6786	.4010-01	-.7380-01	-.3.733	-.1980-01
21	1.0000	.80000	82.000	40.12	.3489	.2060-01	-.1495	-3.809	-.3920-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO -PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	4.971	X10 6 2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
21	.00000	.00000	67.000	141.4	1.229	.7260-01	.5270-01	-3.607	-.1460-01
21	.00000	.40000	68.000	177.4	1.542	.9100-01	.1244	-3.535	-.3520-01
21	.75000-01	.00000	69.000	151.6	1.318	.7780-01	.7300-01	-3.587	-.2030-01
21	.10000+00	.00000	70.000	198.2	1.723	.1017	.1660	-3.494	-.4750-01
21	.60000	.00000	71.000	363.0	3.156	.1263	.4950	-3.165	-.1564
21	.60000	.10000+00	72.000	296.1	2.574	.1519	.3614	-3.298	-.1096
21	.60000	.20000	73.000	276.0	2.399	.1416	.3212	-3.338	-.9620-01
21	.60000	.40000	74.000	249.0	2.165	.1278	.2674	-3.392	-.7880-01
21	.60000	.60000	75.000	117.9	1.025	.6050-01	.5700-02	-3.654	-.1600-02
21	.60000	.80000	76.000	111.1	.9654	.5700-01	-.7900-02	-3.667	.2200-02
21	.95000	1.0000	77.000	47.77	.4152	.2450-01	-.1342	-3.794	.3540-01
21	.95000	.00000	78.000	279.0	2.425	.1422	.3272	-3.332	-.9820-01
21	.95000	.30000	79.000	255.5	2.221	.1311	.2804	-3.379	-.8300-01
21	1.0000	.80000	80.000	104.2	.9058	.5350-01	-.2160-01	-3.681	-.5900-02
21	1.0000	.30000	81.000	21.84	.1899	.1120-01	-.1860	-3.846	-.4840-01
21	1.0000	.80000	82.000	28.45	.2473	.1460-01	-.1728	-3.832	.4510-01

VERTICAL TAIL

IH11. MODEL 84-OT. VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RM/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
16	.00000	.00000	67.000	83.02	1.222	.3380-01	.3550-01	-5.582	-.6400-02
16	.00000	.40000	68.000	103.4	1.523	.4210-01	.8360-01	-5.534	-.1510-01
16	.75000-01	.00000	69.000	92.91	1.368	.3780-01	.5880-01	-5.559	-.1060-01
16	.10000+00	.00000	70.000	133.7	1.967	.5450-01	.1547	-5.463	-.2830-01
16	.60000	.00000	71.000	288.6	4.248	.1176	.5193	-5.098	-.1019
16	.60000	.10000+00	72.000	174.8	2.573	.7120-01	.2515	-5.366	-.4690-01
16	.60000	.20000	73.000	171.6	2.526	.6990-01	.2440	-5.374	-.4540-01
16	.60000	.40000	74.000	170.0	2.502	.6930-01	.2402	-5.377	-.4470-01
16	.60000	.60000	75.000	82.84	1.219	.3370-01	.3510-01	-5.582	-.6300-02
16	.60000	.80000	76.000	85.73	1.262	.3490-01	.4190-01	-5.576	-.7500-02
16	.60000	1.00000	77.000	30.91	4549	.1260-01	-.8720-01	-5.705	-.1530-01
16	.95000	.00000	78.000	224.4	3.303	.9140-01	.3683	-5.249	-.7020-01
16	.95000	.30000	79.000	155.6	2.290	.6340-01	.2063	-5.411	-.3810-01
16	.95000	.80000	80.000	72.80	1.072	.2970-01	.1140-01	-5.606	-.2000-02
16	1.0000	.30000	81.000	49.15	.7235	.2000-01	-.4420-01	-5.662	-.7800-02
16	1.0000	.80000	82.000	25.93	.3816	.1060-01	-.9890-01	-5.716	-.1730-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-OT, VERTICAL TAIL

DATE 01 OCT 80

PARAMETRIC DATA

VERTICAL TAIL

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	X10 6 1.971	2451.	67.85	424.3	241.1

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
16	.00000	.00000	67.000	95.69	1.410	.3900-01	.6560-01	-5.552	-.1180-01
16	.00000	.40000	68.000	170.1	2.507	.6940-01	.2411	-5.376	-.4480-01
16	.75000-01	.00000	69.000	274.8	4.050	.1121	.4877	-5.130	-.9510-01
16	.10000+00	.00000	70.000	635.0	9.358	.2590	1.337	-4.281	-.3122
16	.60000	.00000	71.000	348.8	5.140	.1423	.6620	-4.955	-.1336
16	.60000	.10000+00	72.000	170.9	2.519	.6970-01	.2428	-5.374	-.4520-01
16	.60000	.20000	73.000	203.2	2.994	.8290-01	.3189	-5.298	-.6020-01
16	.60000	.40000	74.000	201.5	2.969	.8220-01	.3149	-5.302	-.5940-01
16	.60000	.60000	75.000	93.52	1.378	.3820-01	.6050-01	-5.557	-.6200-02
16	.60000	.80000	76.000	82.44	1.215	.3360-01	.3440-01	-5.706	-.1500-01
16	.60000	1.00000	77.000	30.09	.4435	.1230-01	-.8900-01	-5.127	-.9570-01
16	.95000	.00000	78.000	276.1	4.069	.1126	.4907	-5.410	-.3820-01
16	.95000	.30000	79.000	155.6	2.294	.6350-01	.2069	-5.594	-.4300-02
16	.95000	.80000	80.000	77.95	1.149	.3180-01	.2380-01	-5.641	-.4200-02
16	1.00000	.30000	81.000	57.88	.8530	.2360-01	-.2350-01	-5.692	-.1310-01
16	1.00000	.80000	82.000	36.11	.5322	.1470-01	-.7480-01	-5.692	-.1310-01

TEST DATA

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
16	.00000	.00000	67.000	117.9	1.736	.4800-01	.1176	-5.500	-.2140-01
16	.00000	.40000	68.000	223.9	3.295	.9120-01	.3670	-5.251	.6990-01
16	.75000-01	.00000	69.000	356.5	5.246	.1452	.6789	-4.939	-.1375
16	.10000+00	.00000	70.000	796.0	11.72	.3242	1.713	-3.905	-.4388
16	.60000	.00000	71.000	389.2	5.728	.1585	.7560	-4.862	-.1555
16	.10000+00	.00000	72.000	179.6	2.643	.7310-01	.2627	-5.355	-.4900-01
16	.60000	.20000	73.000	237.2	3.492	.9660-01	.3984	-5.220	-.7630-01
16	.60000	.40000	74.000	220.4	3.244	.8980-01	.3588	-5.259	-.6820-01
16	.60000	.60000	75.000	101.9	1.500	.4150-01	.8000-01	-5.538	-.1440-01
16	.60000	.80000	76.000	93.17	1.371	.3790-01	.5940-01	-5.559	-.1070-01
16	.60000	1.0000	77.000	39.82	.5861	.1620-01	-.6620-01	-5.684	-.1160-01
16	.95000	.00000	78.000	336.2	4.948	.1369	.6313	-4.987	-.1266
16	.95000	.30000	79.000	171.0	2.517	.6960-01	.2425	-5.376	-.4510-01
16	.95000	.80000	80.000	87.92	1.294	.3580-01	.4700-01	-5.571	-.8400-02
16	1.0000	.30000	81.000	71.49	1.052	.2910-01	.8300-02	-5.610	-.1500-02
16	1.0000	.80000	82.000	76.15	1.121	.3100-01	.1930-01	-5.599	-.3400-02

IHI1, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
15	.00000	.00000	67.000	88.75	1.977	.2550-01	.1133	-8.750	-.1290-01
15	.00000	.40000	68.000	169.7	3.782	.4880-01	.3223	-8.541	-.3770-01
15	.75000-01	.00000	69.000	278.4	6.204	.8010-01	.6030	-8.261	-.7300-01
15	.10000+00	.00000	70.000	694.7	15.48	.1997	1.678	-7.186	-.2335
15	.60000	.00000	71.000	341.1	7.600	.5810-01	.7847	-8.099	-.9440-01
15	.60000	.10000+00	72.000	122.2	2.723	.3510-01	.1997	-8.664	-.2310-01
15	.60000	.20000	73.000	137.3	3.059	.3950-01	.2386	-8.625	-.2770-01
15	.60000	.40000	74.000	167.0	3.721	.4800-01	.3153	-8.548	-.3690-01
15	.60000	.60000	75.000	79.44	1.770	.2280-01	.8920-01	-8.774	-.1020-01
15	.60000	.80000	76.000	79.17	1.764	.2280-01	.8850-01	-8.775	-.1010-01
15	.60000	1.0000	77.000	28.23	.6290	.8100-02	-.4300-01	-8.907	.4800-02
15	.95000	.00000	78.000	298.8	6.659	.8590-01	.6557	-8.208	-.7990-01
15	.95000	.30000	79.000	115.5	2.573	.3320-01	.1823	-8.681	-.2100-01
15	.95000	.80000	80.000	45.49	1.014	.1310-01	.1600-02	-8.862	-.2000-03
15	1.0000	.30000	81.000	47.10	1.050	.1350-01	.5700-02	-8.858	-.6000-03
15	1.0000	.80000	82.000	51.08	1.138	.1470-01	.1600-01	-8.848	-.1800-02

IH11. MODEL 84-OT. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
15	.00000	.00000	67.000	61.00	1.358	.1750-01	.4150-01	-8.822	-.4700-02
15	.00000	.40000	68.000	125.2	2.787	.3600-01	.2071	-8.656	-.2390-01
15	.75000-01	.00000	69.000	166.8	3.714	.4790-01	.3145	-6.549	-.3680-01
15	.10000+00	.00000	70.000	411.0	9.148	.1181	.9442	-7.919	-.1192
15	.60000	.00000	71.000	304.5	6.780	.6750-01	.6697	-8.194	-.8170-01
15	.60000	.10000+00	72.000	113.2	2.519	.3250-01	.1761	-8.687	-.2030-01
15	.60000	.20000	73.000	122.6	2.729	.3520-01	.2003	-8.663	-.2310-01
15	.60000	.40000	74.000	123.9	2.758	.3560-01	.2037	-8.660	-.2350-01
15	.60000	.60000	75.000	78.67	1.751	.2260-01	.8710-01	-8.776	-.9900-02
15	.60000	.80000	76.000	67.41	1.501	.1940-01	.5800-01	-8.805	-.6600-02
15	.95000	1.0000	77.000	20.52	.4567	.5900-02	-.6300-01	-8.926	-.7100-02
15	.95000	.00000	78.000	220.0	4.898	.6320-01	.4517	-8.412	-.5370-01
15	.95000	.30000	79.000	99.15	2.207	.2850-01	.1399	-8.724	-.1600-01
15	1.0000	.80000	80.000	40.07	.8920	.1150-01	-.1250-01	-8.876	-.1400-02
15	1.0000	.30000	81.000	34.06	.7582	.9800-02	-.2800-01	-8.891	-.3200-02
15	1.0000	.80000	82.000	25.26	.5622	.7300-02	-.5070-01	-8.914	-.5700-02

IH11, MODEL 84-OT, VERTICAL TAIL

(RG1V07)

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.98	387.3	212.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
15	.00000	.00000	67.000	56.12	1.250	.1610-01	.2900-01	-8.834	-.3300-02
15	.00000	.40000	68.000	75.12	1.674	.2160-01	.7810-01	-8.785	-.8900-02
15	.75000-01	.00000	69.000	67.22	1.498	.1930-01	.5770-01	-6.806	-.6500-02
15	.10000+00	.00000	70.000	136.5	3.040	.7920-01	.2365	-8.627	-.2740-01
15	.60000	.00000	71.000	247.6	5.516	.120-01	.5233	-8.340	-.6270-01
15	.60000	.10000+00	72.000	109.8	2.424	.3130-01	.1650	-8.698	-.1900-01
15	.60000	.20000	73.000	112.5	2.506	.3230-01	.1745	-8.689	-.2010-01
15	.60000	.40000	74.000	118.8	2.646	.3420-01	.1908	-8.673	-.2200-01
15	.60000	.60000	75.000	66.37	1.479	.1910-01	.5550-01	-8.808	-.6300-02
15	.60000	.80000	76.000	60.48	1.348	.1740-01	.4030-01	-8.823	-.4600-02
15	.60000	1.0000	77.000	17.38	.3873	.5000-02	.7100-01	-8.934	-.7900-02
15	.95000	.00000	78.000	176.6	3.934	.5080-01	.3400	-8.523	-.3990-01
15	.95000	.30000	79.000	92.83	2.068	.2670-01	.1238	-8.740	-.1420-01
15	.95000	.80000	80.000	40.33	.8986	.1160-01	.1180-01	-8.875	-.1300-02
15	1.0000	.30000	81.000	24.83	.5533	.7100-02	.5180-01	-8.915	-.5800-02
15	1.0000	.80000	82.000	14.93	.3326	.4300-02	.7730-01	-8.941	-.8700-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CP1/SI
20	.00000	.00000	67.000	237.4	2.062	.1217	.2439	-3.416	-.7140-01
20	.00000	.40000	68.000	219.4	1.906	.1125	.2081	-3.452	-.6030-01
20	.75000-01	.00000	69.000	524.8	4.559	.2691	.8172	-2.843	-.2875
20	.10000+00	.00000	70.000	763.2	6.631	.3914	1.293	-2.367	-.5461
20	.60000	.00000	71.000	405.6	3.524	.2080	.5794	-3.080	-.1881
20	.60000	.10000+00	72.000	154.5	1.342	.7920-01	.7860-01	-3.581	-.2190-01
20	.60000	.20000	73.000	208.7	1.813	.1070	.1867	-3.473	-.5380-01
20	.60000	.40000	74.000	196.9	1.711	.1010	.1632	-3.496	-.4670-01
20	.60000	.60000	75.000	89.87	.7808	.4610-01	-.5030-01	-3.710	.1360-01
20	.60000	.80000	76.000	78.55	.6824	.4030-01	-.7290-01	-3.733	.1950-01
20	.60000	1.0000	77.000	49.85	.4331	.2560-01	-.1301	-3.790	.3430-01
20	.95000	.00000	78.000	298.2	2.590	.1529	.3651	-3.295	-.1108
20	.95000	.30000	79.000	162.0	1.408	.8310-01	.9360-01	-3.565	-.2620-01
20	.95000	.80000	80.000	78.55	.6824	.4030-01	-.7290-01	-3.733	.1950-01
20	1.0000	.30000	81.000	102.2	.8884	.5240-01	-.2560-01	-3.685	.7000-02
20	1.0000	.80000	82.000	110.1	.9568	.5650-01	-.9900-02	-3.670	.2700-02

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	2Y/8	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
20	.00000	.00000	61.000	250.9	2.181	.1287	.2711	-3.389	-.8000-01
20	.00000	.40000	68.000	246.5	2.143	.1265	.2624	-3.397	-.7730-01
20	.75000-01	.00000	69.000	632.3	5.496	.3245	1.032	-2.627	-.3929
20	.10000+00	.00000	70.000	935.4	8.132	.4801	1.637	-2.022	-.8097
20	.60000	.00000	71.000	457.6	3.978	.2348	.6836	-2.976	-.2297
20	.60000	.10000+00	72.000	161.1	1.401	.8270-01	.9200-01	-3.567	-.2580-01
20	.60000	.20000	73.000	196.1	1.705	.1006	.1617	-3.449	-.4620-01
20	.60000	.40000	74.000	220.5	1.917	.1132	.2106	-3.449	-.6110-01
20	.60000	.60000	75.000	100.8	.8764	.5170-01	-.2840-01	-3.688	.7700-02
20	.60000	.80000	76.000	87.38	.7597	.4480-01	-.5520-01	-3.715	.1490-01
20	.95000	1.0000	77.000	54.26	.4717	.2780-01	-.1213	-3.781	.3210-01
20	.95000	.00000	78.000	356.2	3.096	.1828	.4813	-3.178	-.1514
20	.95000	.30000	79.000	158.3	1.376	.8120-01	.8630-01	-3.573	-.2420-01
20	.95000	.80000	80.000	84.00	.7302	.4310-01	-.6190-01	-3.722	.1660-01
20	1.0000	.30000	81.000	106.2	.9231	.5450-01	-.1760-01	-3.677	.4800-02
20	1.0000	.80000	82.000	110.7	.9622	.5680-01	-.8700-02	-3.668	-.2400-02

IH11, MODEL 84-OT. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CPI(I)	CP(SI)	CPI/SI
20	.00000	.00000	67.000	291.0	2.529	.1493	.3509	-3.309	-.1061
20	.00000	.40000	68.000	291.7	2.449	.1445	.3325	-3.327	-.1000*00
20	.75000-01	.00000	69.000	887.5	7.713	.4553	1.541	-2.119	-.7274
20	.10000*00	.00000	70.000	1122.	9.751	.5756	2.009	-1.650	-1.217
20	.60000	.00000	71.000	542.6	4.715	.2783	.8529	-2.807	-.3039
20	.60000	.10000*00	72.000	182.8	1.589	.9380-01	.1352	-3.525	-.3840-01
20	.60000	.20000	73.000	197.6	1.717	.1014	.1646	-3.495	-4.710-01
20	.60000	.40000	74.000	257.6	2.238	.1321	.2843	-3.375	-.8420-01
20	.60000	.60000	75.000	115.8	1.006	.5940-01	.1400-02	-3.658	-.4000-03
20	.60000	.80000	76.000	102.3	.8888	.5250-01	-.2550-01	-3.685	.6900-02
20	.60000	1.0000	77.000	64.62	.5616	.3310-01	-.1007	-3.760	.2680-01
20	.95000	.00000	78.000	415.3	3.609	.2130	.5990	-3.061	-.1957
20	.95000	.30000	79.000	166.0	1.443	.8520-01	.1016	-3.559	-.2860-01
20	.95000	.80000	80.000	87.55	.7608	.4490-01	-.5490-01	-3.715	.1480-01
20	1.0000	.30000	81.000	121.1	1.052	.6210-01	.1200-01	-3.648	-.3300-02
20	1.0000	.80000	82.000	115.2	1.001	.5910-01	.3000-03	-3.659	-.1000-03

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
17	.00000	.00000	67.000	197.8	2.911	.8050-01	.3055	-5.313	-.5750-01
17	.00000	.40000	68.000	198.1	2.916	.8070-01	.3064	-5.312	-.5770-01
17	.75000-01	.00000	69.000	672.7	9.901	.2740	1.423	-4.195	-.3392
17	.10000+00	.00000	70.000	999.7	14.71	.4071	2.192	-3.426	-.6400
17	.60000	.00000	71.000	381.5	5.615	.1554	.7378	-4.880	-.1512
17	.60000	.10000+00	72.000	105.4	1.551	.4290-01	.8820-01	-5.530	-.1590-01
17	.60000	.20000	73.000	112.0	1.648	.4560-01	.1037	-5.515	-.1880-01
17	.60000	.40000	74.000	132.1	1.945	.5380-01	.1511	-5.467	-.2760-01
17	.60000	.60000	75.000	85.44	1.257	.3480-01	.4120-01	-5.577	-.7400-02
17	.60000	.80000	76.000	78.08	1.149	.3180-01	.2380-01	-5.594	-.4300-02
17	.60000	1.00000	77.000	47.41	.6977	.1930-01	-.4830-01	-5.667	-.8500-02
17	.95000	.00000	78.000	337.2	4.962	.1373	.6336	-4.985	-.1271
17	.95000	.30000	79.000	106.6	1.568	.4340-01	.9080-01	-5.527	-.1640-01
17	.95000	.80000	80.000	42.83	.6304	.1740-01	-.5910-01	-5.677	-.1040-01
17	1.0000	.30000	81.000	73.84	1.087	.3010-01	.1390-01	-5.604	-.2500-02
17	1.0000	.80000	82.000	70.28	1.034	.2860-01	.5500-02	-5.613	-.1000-02

IH11, MODEL 84-OT, VERTICAL TAIL

(RG1V08)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-3.186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	2Y/8	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
17	.00000	.00000	67.000	155.9	2.295	.6350-01	.2070	-5.411	-.3830-01
17	.00000	.40000	68.000	162.1	2.386	.6600-01	.2216	-5.397	-.4110-01
17	.75000-01	.00000	69.000	447.5	6.586	.1822	.8931	-4.725	-.1890
17	.10000+00	.00000	70.000	761.7	11.21	.3102	1.633	-3.986	-.4096
17	.60000	.00000	71.000	363.4	5.348	.1480	.6952	-4.923	-.1412
17	.60000	.10000+00	72.000	100.0	1.472	.4070-01	.7550-01	-5.543	-.1360-01
17	.60000	.40000	73.000	107.1	1.576	.4360-01	.9210-01	-5.526	-.1670-01
17	.60000	.60000	74.000	117.0	1.722	.4760-01	.1154	-5.503	-.2100-01
17	.60000	.80000	75.000	71.62	1.054	.2920-01	.8700-02	-5.610	-.1500-02
17	.60000	.80000	76.000	67.15	.9884	.2730-01	-.1900-02	-5.620	.3000-03
17	.60000	1.00000	77.000	39.21	.5771	.1600-01	-.6760-01	-5.686	.1190-01
17	.95000	.00000	78.000	282.3	4.155	.1150	.5044	-5.114	-.9860-01
17	.95000	.30000	79.000	88.15	1.297	.3590-01	.4760-01	-5.571	-.8500-02
17	.95000	.80000	80.000	38.79	.5709	.1580-01	-.6860-01	-5.687	.1210-01
17	1.0000	.30000	81.000	56.82	.8363	.2310-01	-.2620-01	-5.645	.4600-02
17	1.0000	.80000	82.000	56.91	.8376	.2320-01	-.2600-01	-5.644	.4600-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PAGE 421

(RG1V08)

VERTICAL TAIL

IHI1. MODEL 84-OT. VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	X10.6 1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
17	.00000	.00000	67.000	142.8	2.101	.5810-01	.1760	-5.443	-.3230-01
17	.00000	.40000	68.000	140.5	2.068	.5720-01	.1707	-5.448	-.3130-01
17	.75000-01	.00000	69.000	303.8	4.472	.1237	.5550	-5.064	-.1096
17	.10000*00	.00000	70.000	548.5	8.072	.2233	1.131	-4.488	-.2519
17	.60000	.00000	71.000	318.5	4.688	.1297	.5896	-5.029	-.1172
17	.60000	.10000*00	72.000	92.90	1.367	.3780-01	.5870-01	-5.560	-.1060-01
17	.60000	.20000	73.000	100.2	1.475	.4080-01	.7600-01	-5.543	-.1370-01
17	.60000	.40000	74.000	113.5	1.670	.4620-01	.1072	-5.511	-.1940-01
17	.60000	.60000	75.000	62.98	.9269	.2560-01	-.1170-01	-5.630	.2100-02
17	.60000	.80000	76.000	58.40	.8694	.2380-01	-.2250-01	-5.641	.4000-02
17	.60000	1.0000	77.000	34.51	.5079	.1410-01	-.7870-01	-5.697	.1380-01
17	.95000	.00000	78.000	221.5	3.260	.9020-01	.3613	-5.257	-.6870-01
17	.95000	.30000	79.000	82.87	1.220	.3370-01	.3510-01	-5.584	-.6300-02
17	.95000	.80000	80.000	40.19	.5914	.1640-01	-.6530-01	-5.684	.1150-01
17	1.0000	.30000	81.000	48.40	.7123	.1970-01	-.4600-01	-5.665	.8100-02
17	1.0000	.80000	82.000	50.69	.7460	.2060-01	-.4060-01	-5.659	.7200-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL B4-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	X10 6 1.839	3479.	44.87	387.3	211.0

TEST CONDITIONS

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP(SI)
14	.00000	.00000	67.000	98.87	2.204	.2840-01	.1394	-8.727	-.1600-01
14	.00000	.40000	68.000	97.55	2.174	.2800-01	.1360	-8.730	-.1560-01
14	.75000-01	.00000	69.000	309.9	6.906	.8910-01	.6112	-8.182	-.8360-01
14	.10000+00	.00000	70.000	558.8	12.45	.1606	1.327	-7.540	-.1760
14	.60000	.00000	71.000	268.7	5.990	.730-01	.5781	-8.283	-.6970-01
14	.60000	.10000+00	72.000	61.24	1.365	.1760-01	.4230-01	-8.824	-.4800-02
14	.60000	.20000	73.000	64.34	1.434	.1850-01	.5030-01	-8.816	-.5700-02
14	.60000	.40000	74.000	67.35	1.501	.1940-01	.5810-01	-8.809	-.6600-02
14	.60000	.60000	75.000	39.42	.8785	.1130-01	-.1410-01	-8.881	-.1670-02
14	.60000	.80000	76.000	44.60	.9941	.1280-01	-.7000-03	-8.867	-.1300-03
14	.60000	1.0000	77.000	25.66	.5719	.7400-02	-.4960-01	-8.916	-.5600-02
14	.95000	.00000	78.000	181.7	4.050	.5220-01	.3533	-8.513	-.4150-01
14	.95000	.30000	79.000	50.36	1.122	.1450-01	.1420-01	-8.852	-.1600-02
14	.95000	.80000	80.000	21.26	.4738	.6100-02	-.6100-01	-8.928	-.6800-02
14	1.0000	.30000	81.000	27.01	.6020	.7800-02	-.4610-01	-8.913	-.5200-02
14	1.0000	.30000	82.000	26.34	.5870	.7600-02	-.4790-01	-8.914	-.5400-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-OT. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
14	.00000	.00000	67.000	110.4	2.462	.3180-01	.1694	-8.697	-.1950-01
14	.00000	.40000	68.000	120.3	2.682	.3460-01	.1949	-8.671	-.2250-01
14	.75000-01	.00000	69.000	353.0	7.872	.1015	.7961	-8.070	-.9870-01
14	.10000*00	.00000	70.000	684.1	15.25	.1968	1.652	-7.215	-.2289
14	.60000	.00000	71.000	292.4	6.521	.4410-01	.6396	-8.226	-.7780-01
14	.60000	.10000*00	72.000	65.93	1.470	.1900-01	.5450-01	-8.812	-.6200-02
14	.60000	.20000	73.000	70.16	1.565	.2020-01	.6540-01	-8.801	-.7400-02
14	.60000	.40000	74.000	73.64	1.642	.2120-01	.7440-01	-8.792	-.6500-02
14	.60000	.60000	75.000	42.13	.9394	.1210-01	.7000-02	-8.873	-.8000-03
14	.60000	.80000	76.000	52.10	1.162	.1500-01	.1870-01	-8.847	-.2100-02
14	.60000	1.0000	77.000	30.27	.6750	.8700-02	.3770-01	-8.904	.4200-02
14	.95000	.00000	78.000	231.2	5.156	.6650-01	.4815	-8.385	-.5740-01
14	.95000	.30000	79.000	65.72	1.465	.1890-01	.5390-01	-8.812	-.6100-02
14	.95000	.80000	80.000	23.92	.5335	.6900-02	.5400-01	-8.920	.6100-02
14	1.0000	.30000	81.000	38.90	.8674	.1120-01	.1540-01	-8.881	.1700-02
14	1.0000	.80000	82.000	38.73	.8636	.1110-01	.1580-01	-8.882	.1800-02

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	X10 6 1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
14	.00000	.00000	67.000	150.9	3.363	.4340-01	.2738	-8.591	-.3190-01
14	.00000	.40000	68.000	149.3	3.327	.4290-01	.2697	-8.595	-.3140-01
14	.75000-01	.00000	69.000	671.7	14.97	.1931	1.619	-7.246	-.2234
14	.10000+00	.00000	70.000	960.4	21.40	.2762	2.364	-6.500	-.3637
14	.60000	.00000	71.000	341.2	7.605	.6810-01	.7653	-8.099	-.9450-01
14	.60000	.10000+00	72.000	77.74	1.732	.2240-01	.8490-01	-8.780	-.9700-02
14	.60000	.20000	73.000	78.68	1.753	.2260-01	.8730-01	-8.777	-.9900-02
14	.60000	.40000	74.000	87.33	1.946	.2510-01	.1096	-8.755	-.1250-01
14	.60000	.60000	75.000	55.45	1.236	.1590-01	.2730-01	-8.837	-.3100-02
14	.60000	.80000	76.000	68.29	1.522	.1960-01	.6050-01	-8.804	-.6900-02
14	.60000	1.0000	77.000	38.53	.8586	.1110-01	-.1640-01	-8.881	-.1800-02
14	.95000	.00000	78.000	300.5	6.696	.8640-01	.6600	-8.204	-.8040-01
14	.95000	.30000	79.000	82.32	1.834	.2370-01	.9670-01	-8.768	-.1100-01
14	.95000	.80000	80.000	28.21	.6287	.8100-02	-.4300-01	-8.908	-.4800-02
14	1.0000	.30000	81.000	52.65	1.173	.1510-01	.2010-01	-8.844	-.2300-02
14	1.0000	.80000	82.000	52.22	1.164	.1500-01	.1900-01	-8.845	-.2100-02

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
19	.00000	.00000	67.000	186.7	1.622	.9580-01	.1428	-3.517	-.4060-01
19	.00000	.40000	68.000	211.4	1.836	.1084	.1920	-3.468	-.5540-01
19	.75000-01	.00000	69.000	572.7	4.975	.2937	.9126	-2.747	-.3322
19	.10000+00	.00000	70.000	104.3	9.064	.5350	1.851	-1.808	-1.024
19	.60000	.00000	71.000	546.2	4.745	.2801	.8597	-2.800	-.3070
19	.60000	.10000+00	72.000	104.1	.9047	.5340-01	-.2190-01	-3.681	.5900-02
19	.60000	.20000	73.000	108.5	.9423	.5560-01	-.1320-01	-3.673	.3600-02
19	.60000	.40000	74.000	115.8	1.006	.5940-01	.1400-02	-3.658	-.4000-03
19	.60000	.60000	75.000	53.82	.4675	.2760-01	-.1222	-3.782	.3230-01
19	.60000	.80000	76.000	62.54	.5433	.3210-01	-.1048	-3.764	.2780-01
19	.60000	1.00000	77.000	66.44	.5772	.3410-01	-.9710-01	-3.757	.2580-01
19	.95000	.00000	78.000	423.5	3.679	.2172	.6150	-3.045	-.2020
19	.95000	.30000	79.000	124.1	1.078	.6360-01	.1790-01	-3.642	-.4900-02
19	.95000	.80000	80.000	61.95	.5382	.3180-01	-.1060	-3.766	-.2820-01
19	1.0000	.30000	81.000	118.1	1.026	.6060-01	.6100-02	-3.654	-.1700-02
19	1.0000	.80000	82.000	64.58	.5610	.3310-01	-.1008	-3.761	.2680-01

IH11, MODEL 84-OT, VERTICAL TAIL

(RG1V09)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
19	.00000	.00000	67.000	158.7	1.379	.8140-01	.8710-01	-3.573	-.2440-01
19	.00000	.40000	68.000	168.1	1.460	.8620-01	.1057	-3.554	-.2970-01
19	.75000-01	.00000	69.000	467.2	4.059	.2396	.7023	-2.957	-.2375
19	.10000+00	.00000	70.000	920.4	7.997	.4720	1.606	-2.053	-.7823
19	.60000	.00000	71.000	457.1	3.971	.2344	.6822	-2.977	-.2291
19	.60000	.10000+00	72.000	79.48	.6905	.4080-01	-.7100-01	-3.731	.1900-01
19	.60000	.20000	73.000	83.06	.7216	.4260-01	-.6390-01	-3.724	.1720-01
19	.60000	.40000	74.000	89.55	.7781	.4590-01	-.5100-01	-3.711	.1370-01
19	.60000	.60000	75.000	46.15	.4010	.2370-01	-.1375	-3.797	.3620-01
19	.60000	.80000	76.000	54.29	.4717	.2780-01	-.1213	-3.781	.3210-01
19	.60000	1.00000	77.000	52.60	.4570	.2700-01	-.1247	-3.784	.3290-01
19	.95000	.00000	78.000	359.7	3.125	.1845	.4879	-3.172	-.1538
19	.95000	.30000	79.000	99.62	.8655	.5110-01	-.3090-01	-3.690	.8400-02
19	.95000	.80000	80.000	50.39	.4378	.2580-01	-.1291	-3.789	.3410-01
19	1.0000	.30000	81.000	55.56	.4827	.2850-01	-.1188	-3.778	.3140-01
19	1.0000	.80000	82.000	33.28	.2891	.1710-01	-.1632	-3.823	.4270-01

IH11. MODEL 84-OT. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/PO	CPI(1)	CPI(SI)	CPI/SI
19	.00000	.00000	67.000	144.7	1.257	.7420-01	.5890-01	-3.601	-.1640-01
19	.00000	.40000	68.000	140.2	1.218	.7190-01	.4990-01	-3.610	-.1380-01
19	.75000-01	.00000	69.000	186.6	1.621	.9570-01	.1426	-3.517	-.4050-01
19	.10000+00	.00000	70.000	287.9	2.501	.1476	.3445	-3.315	-.1039
19	.60000	.00000	71.000	393.8	3.420	.6019	.5557	-3.104	-.1790
19	.60000	.10000+00	72.000	72.46	.6294	.3720-01	-.8510-01	-3.745	.2270-01
19	.60000	.20000	73.000	78.10	.6784	.4000-01	-.7380-01	-3.734	.1980-01
19	.60000	.40000	74.000	83.27	.7233	.4270-01	-.6350-01	-3.723	.1710-01
19	.60000	.60000	75.000	43.03	.3737	.2210-01	-.1438	-3.803	.3780-01
19	.60000	.80000	76.000	49.31	.4283	.2530-01	-.1312	-3.791	.3460-01
19	.60000	1.0000	77.000	48.46	.4210	.2480-01	-.1329	-3.793	.3510-01
19	.95000	.00000	78.000	292.8	2.543	.1501	.3543	-3.305	-.1072
19	.95000	.30000	79.000	81.72	.7098	.4190-01	-.6660-01	-3.726	.1790-01
19	.95000	.80000	80.000	46.52	.4040	.2390-01	-.1368	-3.796	.3600-01
19	1.0000	.30000	81.000	20.70	.1798	.1060-01	-.1883	-3.848	.4690-01
19	1.0000	.80000	82.000	28.24	.2453	.1450-01	-.1733	-3.833	.4520-01

IH11. MODEL 84-OT. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	4.979	X10 6 1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
18	.00000	.00000	67.000	80.69	1.187	.3290-01	.3000-01	-5.588	-.5400-02
18	.00000	.40000	68.000	83.32	1.226	.3390-01	.3620-01	-5.582	-.6500-02
18	.75000-01	.00000	69.000	100.4	1.477	.4090-01	.7630-01	-5.542	-.1380-01
18	.10000*00	.00000	70.000	161.4	2.376	.6570-01	.2199	-5.398	-.4070-01
18	.60000	.00000	71.000	313.1	4.608	.1275	.5769	-5.041	-.1144
18	.60000	.10000*00	72.000	47.66	.7014	.1940-01	-.4770-01	-5.666	.8400-02
18	.60000	.20000	73.000	44.18	.6502	.1800-01	-.5590-01	-5.674	.9900-02
18	.60000	.40000	74.000	43.33	.6377	.1760-01	-.5790-01	-5.676	.1020-01
18	.60000	.60000	75.000	23.86	.3511	.9700-02	-.1038	-5.722	.1810-01
18	.60000	.80000	76.000	36.19	.5326	.1470-01	-.7470-01	-5.693	.1310-01
18	.60000	1.0000	77.000	26.03	.3830	.1060-01	-.9860-01	-5.717	.1730-01
18	.95000	.00000	78.000	225.5	3.318	.9180-01	.3705	-5.248	-.7060-01
18	.95000	.30000	79.000	52.45	.7719	.2140-01	-.3650-01	-5.655	.6500-02
18	.95000	.80000	80.000	26.70	.3930	.1090-01	-.9700-01	-5.715	.1700-01
18	1.0000	.30000	81.000	33.56	.4940	.1370-01	-.8090-01	-5.699	.1420-01
18	1.0000	.80000	82.000	20.86	.3070	.8500-02	-.1108	-5.729	.1930-01

IHI1, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
18	.00000	.00000	67.000	103.9	1.532	.4240-01	.8500-01	-5.533	-.1540-01
18	.00000	.40000	68.000	113.1	1.668	.4610-01	.1068	-5.511	-.1940-01
18	.75000-01	.00000	69.000	312.2	4.601	.1273	.5758	-5.042	-.1142
18	.10000+00	.00000	70.000	664.5	9.795	.2710	1.406	-4.212	-.3338
18	.60000	.00000	71.000	365.1	5.382	.1489	.7006	-4.918	-.1425
18	.60000	.10000+00	72.000	61.60	.9080	.2510-01	-.1470-01	-5.633	.2600-02
18	.60000	.20000	73.000	58.41	.8609	.2380-01	-.2220-01	-5.640	.3900-02
18	.60000	.40000	74.000	55.40	8.165	.2260-01	-.2930-01	-5.647	.5200-02
18	.60000	.60000	75.000	27.74	.4089	.1130-01	-.9450-01	-5.713	.1650-01
18	.60000	.80000	76.000	39.00	.5749	.1590-01	-.6800-01	-5.686	.1200-01
18	.60000	1.00000	77.000	29.69	.4377	.1210-01	-.8990-01	-5.708	.1580-01
18	.95000	.00000	78.000	285.2	4.204	.1163	.5122	-5.106	-.1003
18	.95000	.30000	79.000	66.00	.9728	.2690-01	-.4300-02	-5.623	.8000-03
18	.95000	.80000	80.000	31.55	.4651	.1290-01	-.8550-01	-5.704	.1500-01
18	1.00000	.30000	81.000	52.54	.7745	.2140-01	-.3610-01	-5.654	.6400-02
18	1.00000	.80000	82.000	35.36	.5212	.1440-01	-.7650-01	-5.695	.1340-01

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
18	.00000	.00000	67.000	137.8	2.030	.5620-01	.1648	-5.453	-.3020-01
18	.00000	.40000	68.000	150.3	2.215	.6130-01	.1942	-5.424	-.3580-01
18	.75000-01	.00000	69.000	454.6	6.698	.1853	.9110	-4.707	-.1935
18	.10000*00	.00000	70.000	921.2	13.57	.7756	2.011	-3.608	-.5573
18	.60000	.00000	71.000	405.4	5.974	.1653	.7952	-4.823	-.1649
18	.60000	.10000*00	72.000	76.51	1.127	.3120-01	.2040-01	-5.598	-.3600-02
18	.60000	.20000	73.000	75.20	1.108	.3070-01	.1730-01	-5.601	-.3100-02
18	.60000	.40000	74.000	73.60	1.084	.3000-01	.1350-01	-5.605	-.2400-02
18	.60000	.60000	75.000	37.13	.5471	.1510-01	-.7240-01	-5.691	.1270-01
18	.60000	.80000	76.000	45.69	.6732	.1860-01	.5230-01	-5.670	.9200-02
18	1.0000	1.0000	77.000	39.00	.5747	.1590-01	-.6800-01	-5.686	.1200-01
18	.95000	.00000	78.000	340.2	5.013	.1387	.6416	-4.976	-.1289
18	.95000	.30000	79.000	84.34	1.243	.3440-01	.3880-01	-5.579	-.7000-02
18	.95000	.80000	80.000	41.71	.6146	.1700-01	-.6160-01	-5.680	.1080-01
18	1.0000	.30000	81.000	69.79	1.028	.2850-01	.4500-02	-5.614	-.8000-03
18	1.0000	.80000	82.000	69.88	1.030	.2850-01	.4700-02	-5.613	-.8000-03

TEST DATA

VERTICAL TAIL

IH11, MODEL 84-OT, VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RM/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/S1
13	.00000	.00000	67.000	104.7	2.331	.3010-01	.1542	-8.715	-.1770-01
13	.00000	.40000	68.000	117.6	2.618	.3380-01	.1874	-8.682	-.2160-01
13	.75000-01	.00000	69.000	356.7	7.946	.1024	.8045	-8.065	-.9980-01
13	.10000+00	.00000	70.000	865.3	19.27	.2484	2.116	-6.753	-.3134
13	.60000	.00000	71.000	360.5	8.030	.1035	.8142	-8.055	-.1011
13	.60000	.10000+00	72.000	60.86	1.355	.1750-01	.4120-01	-8.829	-.4700-02
13	.60000	.20000	73.000	57.19	1.274	.1640-01	.3170-01	-8.838	-.3600-02
13	.60000	.40000	74.000	53.52	1.192	.1540-01	.2230-01	-8.847	-.2500-02
13	.60000	.60000	75.000	26.26	.5848	.7500-02	-.4810-01	-8.918	-.5400-02
13	.60000	.80000	76.000	38.14	.8496	.1100-01	-.4230-01	-8.887	-.2000-02
13	.95000	1.00000	77.000	28.49	.6346	.8200-02	-.4230-01	-8.912	-.4700-02
13	.95000	.00000	78.000	303.2	6.754	.8710-01	.6665	-8.203	-.8130-01
13	.95000	.30000	79.000	60.74	1.353	.1740-01	.4090-01	-8.829	-.4600-02
13	.95000	.80000	80.000	31.37	.6887	.9000-02	-.3490-01	-8.905	-.3900-02
13	1.0000	.30000	81.000	46.77	1.042	.1340-01	.4800-02	-8.865	-.5000-03
13	1.0000	.80000	82.000	51.43	1.146	.1480-01	.1690-01	-8.853	-.1900-02

IH11, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
13	.00000	.00000	67.000	71.41	1.593	.2050-01	.6870-01	-8.799	-.7800-02
13	.00000	.40000	68.000	85.88	1.915	.2470-01	.1060	-8.762	-.1210-01
13	.75000-01	.00000	69.000	241.2	5.379	.6940-01	.5073	-8.361	-.6070-01
13	.10000+00	.00000	70.000	596.6	13.31	.1716	1.426	-7.442	-.1916
13	.60000	.00000	71.000	325.1	7.250	.5350-01	.7240	-8.144	-.8890-01
13	.60000	.10000+00	72.000	50.46	1.125	.1450-01	.1450-01	-8.853	-.1600-02
13	.60000	.20000	73.000	45.67	1.019	.1310-01	.2200-02	-8.866	-.2000-03
13	.60000	.40000	74.000	41.73	.9307	.1200-01	-.8000-02	-8.876	-.9000-03
13	.60000	.60000	75.000	21.25	.4739	.6100-02	-.6090-01	-8.929	.6800-02
13	.60000	.80000	76.000	32.28	.7200	.9300-02	-.3240-01	-8.900	.3600-02
13	.60000	1.0000	77.000	18.39	.4102	.5300-02	-.6830-01	-8.936	.7600-02
13	.95000	.00000	78.000	222.2	4.956	.6390-01	.4583	-8.410	-.5450-01
13	.95000	.30000	79.000	44.48	.9921	.1280-01	-.9000-03	-8.869	.1000-03
13	.95000	.80000	80.000	21.19	.4725	.6100-02	-.6110-01	-8.929	.6800-02
13	1.0000	.30000	81.000	31.77	.7087	.9100-02	-.3370-01	-8.902	.3600-02
13	1.0000	.80000	82.000	21.44	.4782	.6200-02	-.6040-01	-8.928	.6800-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
13	.00000	.00000	67.000	56.27	1.254	.1620-01	.2940-01	-8.839	-.3300-02
13	.00000	.40000	68.000	53.64	1.195	.1540-01	.2260-01	-8.845	-.2600-02
13	.75000-01	.00000	69.000	85.90	1.914	.2470-01	.1059	-6.762	-.1210-01
13	.10000+00	.00000	70.000	181.7	4.049	.5220-01	.3532	-8.515	-.4150-01
13	.60000	.00000	71.000	266.0	5.927	.7640-01	.5708	-8.297	-.6880-01
13	.60000	.10000+00	72.000	35.48	.7907	.1020-01	-.2420-01	-8.892	.2700-02
13	.60000	.20000	73.000	31.15	.6943	.9000-02	-.3540-01	-8.903	.4000-02
13	.60000	.40000	74.000	28.33	.6314	.8100-02	-.4270-01	-8.911	.4800-02
13	.60000	.60000	75.000	14.60	.3253	.4200-02	-.7820-01	-8.946	.8700-02
13	.60000	.80000	76.000	31.53	.7027	.9100-02	-.3440-01	-8.903	.3900-02
13	.95000	1.0000	77.000	15.53	.3462	.4500-02	-.7570-01	-8.944	.8500-02
13	.95000	.00000	78.000	179.4	3.998	.5160-01	.3473	-8.521	-.4080-01
13	.95000	.30000	79.000	34.15	.7612	.9800-02	-.2770-01	-8.895	.3100-02
13	.95000	.80000	80.000	18.67	.4160	.5400-02	-.6770-01	-8.936	.7600-02
13	1.0000	.30000	81.000	19.17	.4273	.5500-02	-.6630-01	-8.934	.7400-02
13	1.0000	.80000	82.000	19.34	.4311	.5600-02	-.6590-01	-8.934	.7400-02

IH11. MODEL 84-0. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-5.012	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	ZY/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
30	.00000	.00000	67.000	172.0	1.495	.8830-01	.1137	-3.546	-.3210-01
30	.00000	.40000	68.000	323.0	2.808	.1658	.4151	-3.244	-.1280
30	.75000-01	.00000	69.000	545.1	4.738	.2798	.8583	-2.801	-.3064
30	.10000+00	.00000	70.000	989.5	8.602	.5079	1.745	-1.914	-.9119
30	.60000	.00000	71.000	513.7	4.466	.2637	.7958	-2.863	-.2779
30	.60000	.10000+00	72.000	354.6	3.083	.1820	.4782	-3.181	-.1503
30	.60000	.20000	73.000	332.3	2.889	.1706	.4337	-3.226	-.1345
30	.60000	.40000	74.000	295.0	2.565	.1514	.3593	-3.300	-.1089
30	.60000	.60000	75.000	138.4	1.203	.7100-01	.4660-01	-3.613	-.1290-01
30	.60000	.80000	76.000	126.9	1.103	.6510-01	.2370-01	-3.636	-.6500-02
30	.60000	1.0000	77.000	60.66	.5274	.3110-01	-.1085	-3.768	-.2880-01
30	.95000	.00000	78.000	429.7	3.735	.2205	.6280	-3.031	-.2072
30	.95000	.30000	79.000	310.4	2.699	.1593	.3900	-3.269	-.1193
30	.95000	.80000	80.000	114.0	.9312	.5850-01	-.2000-02	-3.661	-.6000-03
30	1.0000	.30000	81.000	116.6	1.014	.5990-01	.3200-02	-3.656	-.9000-03
30	1.0000	.80000	82.000	79.29	.6893	.4070-01	-.7130-01	-3.731	-.1910-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

VERTICAL TAIL

IH11, MODEL 84-O, VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
30	.00000	.00000	67.000	156.3	1.359	.8030-01	.8250-01	-3.577	-.2310-01
30	.00000	.40000	68.000	272.8	2.372	.1400	.3150	-3.344	-.9420-01
30	.75000-01	.00000	69.000	351.5	3.056	.1805	.4722	-3.187	-.1481
30	1.0000+00	.00000	70.000	743.9	6.470	.7820	1.256	-2.403	-.5225
30	.60000	.00000	71.000	417.9	3.634	.2146	.6049	-3.054	-.1980
30	.60000	1.0000+00	72.000	322.1	2.801	.1654	.4135	-3.246	-.1274
30	.60000	.20000	73.000	298.9	2.600	.1535	.3673	-3.292	-.1116
30	.60000	.40000	74.000	266.8	2.320	.1370	.3032	-3.356	-.9030-01
30	.60000	.60000	75.000	120.6	1.049	.6190-01	.1130-01	-3.648	-.3100-02
30	.60000	.80000	76.000	116.1	1.010	.5960-01	.2200-02	-3.657	-.6000-03
30	.95000	1.00000	77.000	56.64	.4925	.2910-01	-.1165	-3.776	.3090-01
30	.95000	.00000	78.000	350.0	3.044	.1797	.4693	-3.190	-.1471
30	.95000	.30000	79.000	280.6	2.440	.1440	.3306	-3.329	-.9930-01
30	.95000	.60000	80.000	106.9	.9300	.5490-01	-.1610-01	-3.675	.4400-02
30	1.0000	.30000	81.000	82.89	.7209	.4260-01	-.6410-01	-3.723	.1720-01
30	1.0000	.80000	82.000	43.26	.3762	.2220-01	-.1432	-3.803	.3770-01

IH11, MODEL 84-0, VERTICAL TAIL

(RG1V10)

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
30	.00000	.00000	67.000	156.5	1.361	.8030-01	.8280-01	-3.577	-.2310-01
30	.00000	.40000	68.000	184.7	1.606	.9480-01	.1391	-3.520	-.3950-01
30	.75000-01	.00000	69.000	171.4	1.490	.8800-01	.1125	-3.547	-.3170-01
30	.10000*00	.00000	70.000	218.6	1.900	.1122	.2067	-3.453	-.5990-01
30	.60000	.00000	71.000	378.8	3.293	.1944	.5265	-3.133	-.1681
30	.60000	.10000*00	72.000	293.4	2.551	.1506	.3560	-3.303	-.1078
30	.60000	.20000	73.000	276.3	2.402	.1418	.3219	-3.338	-.9640-01
30	.60000	.40000	74.000	247.7	2.153	.1271	.2648	-3.395	-.7800-01
30	.60000	.60000	75.000	119.1	1.036	.6120-01	.8200-02	-3.651	-.2300-02
30	.60000	.80000	76.000	108.5	.9433	.5570-01	-.1300-01	-3.672	.3500-02
30	.60000	1.0000	77.000	50.59	.4398	.2600-01	-.1286	-3.788	.3400-01
30	.95000	.00000	78.000	285.9	2.485	.1467	.3410	-3.318	-.1028
30	.95000	.30000	79.000	254.3	2.211	.1305	.2780	-3.381	-.8220-01
30	.95000	.80000	80.000	103.7	.9014	.5320-01	-.2260-01	-3.682	.6200-02
30	1.0000	.30000	81.000	25.53	.2220	.1310-01	-.1786	-3.838	.4650-01
30	1.0000	.80000	82.000	36.11	.3140	.1850-01	-.1575	-3.817	.4130-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
25	.00000	.00000	67.000	91.22	1.344	.3720-01	.5510-01	-5.562	-.9900-02
25	.00000	.40000	68.000	109.4	1.612	.4460-01	.9790-01	-5.519	-.1770-01
25	.75000-01	.00000	69.000	100.3	1.478	.4090-01	.7640-01	-5.541	-.1380-01
25	.10000+00	.00000	70.000	139.7	2.059	.5700-01	.1693	-5.448	-.3110-01
25	.60000	.00000	71.000	285.6	4.209	.1165	.5131	-5.104	-.1005
25	.60000	.10000+00	72.000	168.1	2.478	.6860-01	.2363	-5.381	-.4390-01
25	.60000	.20000	73.000	166.1	2.449	.6780-01	.2316	-5.386	-.4300-01
25	.60000	.40000	74.000	166.9	2.460	.6810-01	.2334	-5.384	-.4340-01
25	.60000	.60000	75.000	80.02	1.179	.3260-01	.2870-01	-5.589	-.5100-02
25	.60000	.80000	76.000	73.42	1.082	.2990-01	.1310-01	-5.604	-.2300-02
25	.60000	1.00000	77.000	32.46	.4783	.1320-01	.8340-01	-5.701	-.1460-01
25	.95000	.00000	78.000	224.1	3.302	.9140-01	.3681	-5.249	-.7010-01
25	.95000	.30000	79.000	151.0	2.226	.6160-01	.1960	-5.421	-.3620-01
25	.95000	.80000	80.000	68.17	1.005	.2780-01	.7000-03	-5.616	-.1000-03
25	1.0000	.30000	81.000	43.29	.6380	.1770-01	-.5790-01	-5.675	-.1020-01
25	1.0000	.80000	82.000	25.43	.3748	.1040-01	-.1000+00	-5.717	-.1750-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11. MODEL 84-0. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-.7372-01	1.972	2451.	67.84	424.3	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
25	.00000	.00000	67.000	95.37	1.406	.3890-01	.6490-01	-5.553	-.1170-01
25	.00000	.40000	68.000	176.1	2.595	.7180-01	.2551	-5.362	-.4760-01
25	.75000-01	.00000	69.000	279.1	4.114	.1139	.4980	-5.119	-.9730-01
25	.10000+00	.00000	70.000	610.3	8.997	.2490	1.279	-4.339	-.2947
25	.60000	.00000	71.000	346.5	5.108	.1414	.6569	-4.961	-.1324
25	.60000	.10000+00	72.000	165.7	2.443	.6760-01	.2307	-5.387	-.4280-01
25	.60000	.20000	73.000	209.9	3.094	.8560-01	.3349	-5.283	-.6340-01
25	.60000	.40000	74.000	194.1	2.861	.7920-01	.2976	-5.320	-.5590-01
25	.60000	.60000	75.000	88.87	1.310	.3630-01	.4960-01	-5.568	-.8900-02
25	.60000	.80000	76.000	80.14	1.181	.3270-01	.2900-01	-5.589	-.5200-02
25	.60000	1.00000	77.000	30.83	.4545	.1260-01	-.8720-01	-5.705	.1530-01
25	.95000	.00000	78.000	278.9	4.111	.1138	.4975	-5.120	-.9720-01
25	.95000	.30000	79.000	153.1	2.257	.6250-01	.2009	-5.417	-.3710-01
25	.95000	.80000	80.000	76.41	1.126	.3120-01	.2020-01	-5.597	-.3600-02
25	1.0000	.30000	81.000	56.59	.8342	.2310-01	-.2650-01	-5.644	.4700-02
25	1.0000	.80000	82.000	39.22	.5781	.1600-01	-.6750-01	-5.685	.1190-01

IH11, MODEL 84-0, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
25	.00000	.00000	67.000	121.0	1.784	.4940-01	.1253	-5.492	-2280-01
25	.00000	.40000	68.000	212.9	3.139	.8690-01	.3421	-5.275	-.6490-01
25	.75000-01	.00000	69.000	434.1	6.402	.1772	.8637	-4.754	-.1817
25	.10000+00	.00000	70.000	854.6	12.60	.7488	1.855	-3.762	-.4932
25	.60000	.00000	71.000	429.3	6.331	.1752	.8524	-4.765	-.1789
25	.60000	.10000+00	72.000	177.3	2.615	.7240-01	.2582	-5.359	-.4820-01
25	.60000	.20000	73.000	209.3	3.087	.8540-01	.3337	-5.284	-.6320-01
25	.60000	.40000	74.000	213.8	3.153	.8730-01	.3443	-5.273	-.6530-01
25	.60000	.60000	75.000	100.4	1.481	.4100-01	.7700-01	-5.540	-.1390-01
25	.60000	.80000	76.000	86.21	1.271	.3520-01	.4340-01	-5.574	-.7800-02
25	.60000	1.00000	77.000	38.69	.5705	.1580-01	.6870-01	-5.686	-.1210-01
25	.95000	.00000	78.000	349.7	5.157	.1427	.6648	-4.953	-.1342
25	.95000	.30000	79.000	157.3	2.320	.6420-01	.2111	-5.405	-.3900-01
25	.95000	.80000	80.000	74.88	1.104	.3060-01	.1670-01	-5.601	-.3000-02
25	1.0000	.30000	81.000	67.69	.9983	.2760-01	.3000-03	-5.618	.0000
25	1.0000	.80000	82.000	74.88	1.104	.3060-01	.1670-01	-5.601	-.3000-02

VERTICAL TAIL

IH11, MODEL 84-0, VERTICAL TAIL

(RGIV10)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-5.052	1.818	3476.	44.88	387.2	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
24	.00000	.00000	67.000	88.42	1.970	.2540-01	.1124	-8.748	-.1290-01
24	.00000	.40000	68.000	155.1	3.456	.4460-01	.2846	-8.576	-.3320-01
24	.75000-01	.00000	69.000	349.8	7.794	.1006	.7874	-8.073	-.9750-01
24	.10000+00	.00000	70.000	776.9	17.31	.2235	1.890	-6.970	-.2712
24	.60000	.00000	71.000	384.0	8.557	.1105	.8758	-7.985	-.1097
24	.60000	.10000+00	72.000	123.5	2.752	.3550-01	.2030	-8.658	-.2340-01
24	.60000	.20000	73.000	133.7	2.980	.3850-01	.2295	-8.631	-.2660-01
24	.60000	.40000	74.000	135.7	3.024	.3900-01	.2346	-8.626	-.2720-01
24	.60000	.60000	75.000	87.85	1.957	.2530-01	.1110	-8.750	-.1270-01
24	.60000	.80000	76.000	72.02	1.605	.2070-01	.7010-01	-8.791	-.8000-02
24	.60000	1.00000	77.000	27.74	.6180	.8000-02	-.4430-01	-8.905	.5000-02
24	.95000	.00000	78.000	310.3	6.915	.8930-01	.6855	-8.175	-.8390-01
24	.95000	.30000	79.000	112.8	2.514	.3250-01	.1755	-8.685	-.2020-01
24	.80000	.80000	80.000	40.75	.9080	.1170-01	-.1070-01	-8.871	.1200-02
24	1.0000	.30000	81.000	46.84	1.044	.1350-01	.5100-02	-8.856	-.6000-03
24	1.0000	.80000	82.000	52.08	1.160	.1500-01	.1860-01	-8.842	-.2100-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-.6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
24	.0000	.0000	67.000	65.31	1.455	.1880-01	.5270-01	-8.808	-.6000-02
24	.0000	.4000	68.000	130.1	2.898	.3740-01	.2200	-8.641	-.2550-01
24	.75000-01	.0000	69.000	212.0	4.723	.6100-01	.4315	-8.430	-.5120-01
24	.10000+00	.0000	70.000	470.3	10.48	.1353	1.098	-7.763	-.1415
24	.6000	.0000	71.000	293.6	6.541	.4450-01	.6422	-8.219	-.7810-01
24	.6000	.10000+00	72.000	110.0	2.451	.3160-01	.1682	-8.693	-.1930-01
24	.6000	.2000	73.000	119.2	2.655	.3430-01	.1918	-8.669	-.2210-01
24	.6000	.4000	74.000	124.6	2.776	.3580-01	.2059	-8.655	-.2380-01
24	.6000	.6000	75.000	70.77	1.576	.2040-01	.6680-01	-8.794	-.7600-02
24	.6000	.8000	76.000	67.24	1.498	.1930-01	.5770-01	-8.803	-.6600-02
24	.6000	1.0000	77.000	24.07	.5363	.6900-02	-.5370-01	-8.915	.6000-02
24	.95000	.0000	78.000	242.2	5.395	.6970-01	.5094	-8.352	-.6100-01
24	.95000	.3000	79.000	97.90	2.181	.2820-01	1.369	-8.724	-.1570-01
24	.95000	.8000	80.000	42.06	.9371	.1210-01	-.7300-02	-8.868	-.8000-03
24	1.0000	.3000	81.000	36.49	.8129	.1050-01	-.2170-01	-8.883	.2400-02
24	1.0000	.8000	82.000	32.10	.7150	.9200-02	-.3300-01	-8.894	.3700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CPI/SI
24	.00000	.00000	67.000	60.65	1.351	.1740-01	.4070-01	-8.819	-.4600-02
24	.00000	.40000	68.000	74.49	1.660	.2140-01	.7640-01	-8.783	-.8700-02
24	.75000-01	.00000	69.000	71.29	1.588	.2050-01	.6820-01	-8.792	-.7800-02
24	.10000+00	.00000	70.000	110.4	2.461	.3180-01	.1693	-8.691	-.1950-01
24	.60000	.00000	71.000	212.3	4.730	.6110-01	.4323	-8.428	-.5130-01
24	.60000	.10000+00	72.000	101.2	2.255	.2910-01	.1455	-8.714	-.1670-01
24	.60000	.20000	73.000	104.1	2.320	.3000-01	.1530	-8.707	-.1760-01
24	.60000	.40000	74.000	108.7	2.421	.3130-01	.1647	-8.695	-.1890-01
24	.60000	.60000	75.000	60.84	1.355	.1750-01	.4120-01	-8.819	-.4700-02
24	.60000	.80000	76.000	55.12	1.228	.1590-01	.2640-01	-8.834	-.3000-02
24	.60000	1.00000	77.000	19.76	.4401	.5700-02	-.3490-01	-8.925	.7300-02
24	.95000	.00000	78.000	178.2	3.971	.5130-01	.3443	-8.516	-.4040-01
24	.95000	.30000	79.000	92.18	2.054	.2650-01	.1221	-8.739	-.1400-01
24	.95000	.80000	80.000	39.81	.8868	.1150-01	-.1310-01	-8.873	.1500-02
24	1.0000	.30000	81.000	27.62	.6154	.7900-02	-.4460-01	-8.905	.5000-02
24	1.0000	.80000	82.000	17.47	.3892	.5000-02	-.7080-01	-8.931	.7900-02

IH11, MODEL 84-0, VERTICAL TAIL

(RG1V11)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	R1/FO	CP(I)	CP(SI)	CPI/SI
29	.00000	.00000	67.000	252.3	2.193	.1295	.2740	-3.385	-.8090-01
29	.00000	.40000	68.000	232.1	2.018	.1192	.2338	-3.426	-.6820-01
29	.75000-01	.00000	69.000	573.5	4.986	.2944	.9151	-2.744	-.3335
29	.10000+00	.00000	70.000	832.2	7.236	.4272	1.432	-2.228	-.6427
29	.60000	.00000	71.000	411.2	3.575	.2110	.5912	-3.068	-.1927
29	.60000	.10000+00	72.000	164.0	1.426	.8420-01	.977C-01	-3.562	-.2740-01
29	.60000	.20000	73.000	219.1	1.905	.1124	.2077	-3.452	-.6020-01
29	.60000	.40000	74.000	201.4	1.751	.1034	.1724	-3.487	-.4940-01
29	.60000	.60000	75.000	91.84	.7985	.4710-01	-.4630-01	-3.706	.1250-01
29	.60000	.80000	76.000	82.28	.7154	.4220-01	-.6540-01	-3.725	.1750-01
29	.95000	1.00000	77.000	54.46	.4735	.2800-01	-.1209	-3.780	.3200-01
29	.95000	.00000	78.000	303.8	2.642	.1560	.3769	-3.282	-.1148
29	.95000	.30000	79.000	177.8	1.546	.9130-01	.1253	-3.534	-.3550-01
29	.95000	.80000	80.000	83.46	.7256	.4280-01	-.6300-01	-3.722	.1690-01
29	1.0000	.30000	81.000	117.7	1.023	.6040-01	.5300-02	-3.654	-.1500-02
29	1.0000	.80000	82.000	116.5	1.013	.5980-01	.7000-02	-3.656	-.8000-03

IHI1, MODEL 84-O, VERTICAL TAIL

(RGIV11)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-.6774-01	2.154	1948.	115.0	501.0	288.8

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
29	.00000	.00000	67.000	263.0	2.286	.1350	.2953	-3.364	-.8780-01
29	.00000	.40000	68.000	249.2	2.167	.1279	.2679	-3.391	-.7900-01
29	.75000-01	.00000	69.000	668.4	5.811	.3431	1.105	-2.555	-.4324
29	.10000+00	.00000	70.000	977.1	8.495	.5016	1.721	-1.938	-.8878
29	.60000	.00000	71.000	458.3	3.985	.2353	.6853	-2.974	-.2304
29	.60000	.10000+00	72.000	163.0	1.417	.8370-01	.9580-01	-3.563	-.2690-01
29	.60000	.20000	73.000	216.9	1.885	.1113	.2032	-3.456	-.5880-01
29	.60000	.40000	74.000	223.3	1.942	.1146	.2162	-3.443	-.6280-01
29	.60000	.60000	75.000	99.29	.8632	.5100-01	-.3140-01	-3.691	-.8500-02
29	.60000	.80000	76.000	87.13	.7575	.4470-01	-.5570-01	-3.715	-.1500-01
29	.60000	1.0000	77.000	56.63	.4923	.2910-01	-.1166	-3.776	-.3090-01
29	.95000	.00000	78.000	361.8	3.146	.1857	.4927	-3.167	-.1556
29	.95000	.30000	79.000	165.8	1.441	.8510-01	.1013	-3.558	-.2850-01
29	.95000	.80000	80.000	86.63	.7531	.4450-01	-.5670-01	-3.716	-.1530-01
29	1.0000	.30000	81.000	109.5	.9520	.5620-01	-.1100-01	-3.670	-.3000-02
29	1.0000	.80000	82.000	117.2	1.019	.6020-01	.4400-02	-3.655	-.1200-02

IH11, MODEL 84-0, VERTICAL TAIL

(RG1V11)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
29	.0000	.0000	67.000	283.8	2.467	.1457	.3369	-3.322	-.1014
29	.0000	.4000	68.000	274.9	2.390	.1411	.3191	-3.340	-.9550-01
29	.75000-01	.0000	69.000	850.4	7.393	.4365	1.468	-2.191	-.6698
29	.10000+00	.0000	70.000	1098.	9.550	.5638	1.963	-1.696	-1.157
29	.60000	.0000	71.000	538.6	4.682	.6764	.8454	-2.814	-.3004
29	.60000	.10000+00	72.000	177.2	1.541	.9100-01	.1242	-3.535	-.3510-01
29	.60000	.20000	73.000	200.5	1.743	.1029	.1706	-3.489	-.4890-01
29	.60000	.40000	74.000	246.6	2.144	.1266	.2627	-3.397	-.7740-01
29	.60000	.60000	75.000	111.9	.9728	.5740-01	-.6300-02	-3.666	.1700-02
29	.60000	.80000	76.000	99.37	.8639	.5100-01	-.3120-01	-3.691	.8500-02
29	.60000	1.0000	77.000	63.28	.5502	.3250-01	-.1033	-3.763	.2740-01
29	.95000	.0000	78.000	433.1	3.766	.2223	.6350	-3.024	-.2100
29	.30000	.30000	79.000	160.1	1.392	.8220-01	.9000-01	-3.569	-.2520-01
29	.80000	.80000	80.000	82.68	.7188	.4240-01	-.6460-01	-3.724	.1730-01
29	1.0000	.30000	81.000	118.1	1.027	.6060-01	.6100-02	-3.653	-.1700-02
29	1.0000	.80000	82.000	110.0	.9560	.5640-01	-.1010-01	-3.669	.2800-02

VERTICAL TAIL

IH11, MODEL 84-0, VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-5.050	1.975	2454.	67.91	424.7	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP(SI)
26	.00000	.00000	67.000	183.7	2.706	.7490-01	.2727	-5.345	-.5100-01
26	.00000	.40000	68.000	183.7	2.706	.7490-01	.2727	-5.345	-.5100-01
26	.75000-01	.00000	69.000	664.9	9.792	.2710	1.406	-4.212	-.3338
26	.10000+00	.00000	70.000	939.2	13.83	.3828	2.052	-3.566	-.5753
26	.60000	.00000	71.000	418.4	6.161	.1705	.8253	-4.792	-.1722
26	.60000	.10000+00	72.000	107.5	1.584	.4380-01	.9330-01	-5.524	-.1690-01
26	.60000	.20000	73.000	118.0	1.737	.4810-01	.1179	-5.500	-.2140-01
26	.60000	.40000	74.000	117.7	1.733	.4800-01	.1172	-5.500	-.2130-01
26	.60000	.60000	75.000	79.32	1.168	.3230-01	.2690-01	-5.591	-.4800-02
26	.60000	.80000	76.000	71.82	1.058	.2930-01	.9200-02	-5.608	-.1600-02
26	.60000	1.0000	77.000	44.67	.6578	.1820-01	-.5470-01	-5.672	-.9600-02
26	.95000	.00000	78.000	353.9	5.211	.1442	.6733	-4.944	-.1362
26	.95000	.30000	79.000	107.9	1.590	.4400-01	.9430-01	-5.523	-.1710-01
26	.95000	.80000	80.000	40.10	.5905	.1630-01	-.6550-01	-5.683	-.1150-01
26	1.0000	.30000	81.000	75.29	1.109	.3070-01	.1740-01	-5.600	-.3100-02
26	1.0000	.80000	82.000	70.55	1.039	.2880-01	.6200-02	-5.611	-.1100-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-.6176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/S1
26	.00000	.00000	67.000	160.2	2.361	.6530-01	.2176	-5.400	-.4030-01
26	.00000	.40000	68.000	159.7	2.352	.6510-01	.2163	-5.401	-.4000-01
26	.75000-01	.00000	69.000	482.7	7.113	.1968	.9774	-4.640	-.2106
26	.10000+00	.00000	70.000	769.8	11.34	.3139	1.654	-3.964	-.4172
26	.60000	.00000	71.000	363.4	5.354	.1482	.6962	-4.922	-.1415
26	.60000	.10000+00	72.000	98.51	1.451	.4020-01	.7220-01	-5.546	-.1300-01
26	.60000	.20000	73.000	111.4	1.625	.4500-01	.9990-01	-5.518	-.1810-01
26	.60000	.40000	74.000	111.4	1.642	.4540-01	1.026	-5.515	-.1860-01
26	.60000	.60000	75.000	74.77	1.102	.3050-01	.1630-01	-5.601	-.2900-02
26	.60000	.80000	76.000	64.75	.9540	.2640-01	-.7400-02	-5.625	-.1300-02
26	.60000	1.0000	77.000	39.97	.5890	.1630-01	-.6570-01	-5.683	-.1160-01
26	.95000	.00000	78.000	284.8	4.196	.1161	.5110	-5.107	-.1001
26	.95000	.30000	79.000	89.61	1.320	.3650-01	.5120-01	-5.567	-.9200-02
26	.95000	.80000	80.000	40.48	.5964	.1650-01	-.6450-01	-5.682	-.1140-01
26	1.0000	.30000	81.000	59.34	.8743	.2420-01	-.2010-01	-5.638	-.3600-02
26	1.0000	.80000	82.000	58.66	.8643	.2390-01	-.2170-01	-5.640	-.3800-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P1/P PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP(SI)	CPI/SI
26	.00000	.00000	67.000	150.0	2.210	.6120-01	.1935	-5.424	-5.424	-.3570-01
26	.00000	.40000	68.000	150.1	2.212	.6120-01	.1937	-5.424	-5.424	-.3570-01
26	.75000-01	.00000	69.000	362.0	5.335	.1477	.6932	-4.924	-4.924	-.1408
26	.10000*00	.00000	70.000	632.9	9.327	.2581	1.331	-4.286	-4.286	-.3106
26	.60000	.00000	71.000	322.8	4.757	.1317	.6008	-5.017	-5.017	-.1198
26	.60000	.10000*00	72.000	96.94	1.429	.3950-01	.6850-01	-5.549	-5.549	-.1240-01
26	.60000	.20000	73.000	102.6	1.512	.4180-01	.8180-01	-5.536	-5.536	-.1480-01
26	.60000	.40000	74.000	120.8	1.781	.4930-01	.1248	-5.493	-5.493	-.2270-01
26	.60000	.60000	75.000	64.97	.9575	.2650-01	-.6800-02	-5.624	-5.624	.1200-02
26	.60000	.80000	76.000	58.71	.8652	.2390-01	-.2160-01	-5.639	-5.639	.3800-02
26	.60000	1.0000	77.000	36.24	.5341	.1480-01	-.7450-01	-5.692	-5.692	.1310-01
26	.95000	.00000	78.000	230.3	3.393	.9390-01	.3827	-5.235	-5.235	-.7310-01
26	.95000	.30000	79.000	89.20	1.315	.3640-01	.5030-01	-5.567	-5.567	-.9000-02
26	.95000	.80000	80.000	45.62	.6723	.1860-01	-.5240-01	-5.670	-5.670	.9200-02
26	1.0000	.30000	81.000	52.63	.7756	.2150-01	-.3590-01	-5.654	-5.654	.6300-02
26	1.0000	.80000	82.000	55.50	.8179	.2260-01	-.2910-01	-5.647	-5.647	.5200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1V11)

IH11, MODEL 84-O, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
23	.00000	.00000	67.000	99.03	2.207	.2850-01	.1399	-8.724	-.1600-01
23	.00000	.40000	68.000	105.4	2.350	.3030-01	.1564	-8.707	-.1800-01
23	.75000-01	.00000	69.000	230.5	5.137	.6630-01	.4794	-8.384	-.5720-01
23	.10000+00	.00000	70.000	504.5	11.24	.1451	1.187	-7.676	-.1546
23	.60000	.00000	71.000	226.0	5.036	.6500-01	.4677	-8.396	-.5570-01
23	.60000	.10000+00	72.000	61.11	1.362	.1760-01	.4200-01	-8.821	-.4800-02
23	.60000	.20000	73.000	67.42	1.503	.1940-01	.5830-01	-8.805	-.6600-02
23	.60000	.40000	74.000	69.77	1.555	.2010-01	.6430-01	-8.799	-.7300-02
23	.60000	.60000	75.000	42.86	.9554	.1230-01	-.5200-02	-8.869	-.6000-03
23	.60000	.80000	76.000	45.63	1.017	.1310-01	.2000-02	-8.861	-.2000-03
23	.60000	1.0000	77.000	28.05	.6252	.8100-02	-.4340-01	-8.907	-.4900-02
23	.95000	.00000	78.000	185.2	4.129	.5330-01	.3625	-8.501	-.4260-01
23	.95000	.30000	79.000	53.99	1.204	.1550-01	.2360-01	-8.840	-.2700-02
23	.95000	.80000	80.000	24.42	.5442	.7000-02	-.5280-01	-8.916	-.5900-02
23	1.0000	.30000	81.000	29.57	.6591	.8500-02	-.3950-01	-8.903	-.4400-02
23	1.0000	.80000	82.000	29.66	.6610	.8500-02	-.3930-01	-8.903	-.4400-02

IH11. MODEL 84-0. VERTICAL TAIL

(RGIV11)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-.7372-01	1.825	3478.	44.89	387.4	212.1

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
23	.00000	.00000	67.000	113.3	2.524	.3260-01	.1766	-8.686	-.2030-01
23	.00000	.40000	68.000	119.9	2.671	.3450-01	.1936	-8.669	-.2230-01
23	.75000-01	.00000	69.000	344.6	7.675	.9910-01	.7736	-8.089	-.9560-01
23	.10000+00	.00000	70.000	692.0	15.42	.1990	1.670	-7.192	-.2323
23	.60000	.00000	71.000	289.8	6.455	.6330-01	.6321	-8.231	-.7680-01
23	.60000	.10000+00	72.000	64.06	1.427	.1840-01	.4950-01	-8.813	-.5600-02
23	.60000	.20000	73.000	66.70	1.486	.1920-01	.5630-01	-8.807	-.6400-02
23	.60000	.40000	74.000	72.08	1.605	.2070-01	.7020-01	-8.793	-.8000-02
23	.60000	.60000	75.000	44.25	.9857	.1270-01	-.1700-02	-8.865	-.2000-03
23	.60000	.80000	76.000	50.50	1.125	.1450-01	.1450-01	-8.848	-.1600-02
23	.95000	1.00000	77.000	32.42	.7221	.9300-02	-.3220-01	-8.895	-.3600-02
23	.95000	.00000	78.000	252.3	5.621	.7250-01	.5355	-8.327	-.6430-01
23	.95000	.30000	79.000	68.66	1.529	.1970-01	.6140-01	-8.801	-.7000-02
23	.95000	.80000	80.000	24.82	.5528	.7100-02	-.5180-01	-8.915	-.5800-02
23	1.0000	.30000	81.000	41.80	.9310	.1200-01	-.8000-02	-8.871	-.9000-03
23	1.0000	.80000	82.000	41.46	.9235	.1190-01	-.8900-02	-8.872	-.1000-02

TEST DATA

IH11. MODEL 84-O. VERTICAL TAIL

(RG1V11)

VERTICAL TAIL

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-5.054	1.824	3478.	44.89	387.3	212.2

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
23	.00000	.00000	67.000	133.9	2.983	.3850-01	.2298	-8.633	-.2660-01
23	.00000	.40000	68.000	131.5	2.930	.3780-01	.2237	-8.639	-.2590-01
23	.75000-01	.00000	69.000	563.0	12.54	.1619	1.338	-7.525	-.1778
23	.10000+00	.00000	70.000	857.8	19.11	.2467	2.099	-6.764	-.3103
23	.60000	.00000	71.000	383.9	8.553	.1104	.8753	-7.987	-.1096
23	.60000	.10000+00	72.000	80.54	1.794	.2320-01	.9210-01	-8.770	-.1050-01
23	.60000	.20000	73.000	80.54	1.794	.2320-01	.9210-01	-8.770	-.1050-01
23	.60000	.40000	74.000	86.56	1.928	.2490-01	1.076	-8.755	-.1230-01
23	.60000	.60000	75.000	47.05	1.048	.1350-01	.5600-02	-8.857	-.6000-03
23	.60000	.80000	76.000	48.39	1.078	.1390-01	.9000-02	-8.854	-.1000-02
23	.60000	1.0000	77.000	33.25	.7407	.9600-02	-.3000-01	-8.893	-.3400-02
23	.95000	.00000	78.000	309.7	6.899	.8900-01	.6836	-8.179	-.8360-01
23	.95000	.30000	79.000	83.22	1.854	.2390-01	.9900-01	-8.764	-.1130-01
23	.95000	.80000	80.000	28.60	.6371	.8200-02	-.4210-01	-8.905	-.4700-02
23	1.0000	.30000	81.000	53.71	1.197	.1540-01	.2280-01	-8.840	-.2600-02
23	1.0000	.80000	82.000	52.61	1.172	.1510-01	.1990-01	-8.843	-.2300-02

IH11, MODEL 84-O, VERTICAL TAIL

(RG1V12)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CPI/SI
28	.00000	.00000	67.000	199.5	1.734	.1024	.1685	-3.491	-.4830-01
28	.00000	.40000	68.000	215.7	1.874	.1107	.2008	-3.459	-.5800-01
28	.75000-01	.00000	69.000	662.5	5.756	.3398	1.092	-2.567	-.4253
28	.10000*00	.00000	70.000	1078.	9.364	.5528	1.920	-1.739	-1.104
28	.60000	.00000	71.000	543.7	4.724	.2789	.8551	-2.804	-.3049
28	.60000	.10000*00	72.000	106.7	.9274	.5480-01	-.1670-01	-3.676	.4500-02
28	.60000	.20000	73.000	112.5	.9773	.5770-01	-.5200-02	-3.665	.1400-02
28	.60000	.40000	74.000	121.1	1.052	.6210-01	.1210-01	-3.647	-.3300-02
28	.60000	.60000	75.000	67.40	.5856	.3460-01	-.9510-01	-3.755	.2530-01
28	.60000	.80000	76.000	67.31	.5849	.3450-01	-.9530-01	-3.755	.2540-01
28	.60000	1.0000	77.000	64.69	.5621	.3320-01	-.1005	-3.760	.2670-01
28	.95000	.00000	78.000	439.4	3.818	.2254	.6470	-3.012	-.2148
28	.95000	.30000	79.000	124.9	1.085	.6410-01	.1950-01	-3.640	-.5400-02
28	.95000	.80000	80.000	64.60	.5613	.3310-01	-.1007	-3.760	.2680-01
28	1.0000	.30000	81.000	121.6	1.056	.6240-01	.1290-01	-3.646	-.3500-02
28	1.0000	.80000	82.000	78.15	.6790	.4010-01	-.7370-01	-3.733	.1970-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
28	2.494	-5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
28	.00000	.00000	67.000	171.5	1.491	.8800-01	.1127	-3.547	-.3180-01
28	.00000	.40000	68.000	179.9	1.564	.9230-01	.1294	-3.530	-.3670-01
28	.75000-01	.00000	69.000	417.2	3.627	.2141	.6031	-3.056	-.1973
28	.10000+00	.00000	70.000	825.3	7.175	4.236	1.418	-2.242	-.6324
28	.60000	.00000	71.000	458.7	3.988	.2354	.6859	-2.973	-.2307
28	.60000	.10000+00	72.000	84.75	.7368	4.350-01	-.6040-01	-3.720	.1620-01
28	.60000	.20000	73.000	91.62	.7965	4.700-01	-.4670-01	-3.706	.1260-01
28	.60000	.40000	74.000	102.8	.8938	.5280-01	-.2440-01	-3.684	.6600-02
28	.60000	.60000	75.000	58.68	5.102	3.010-01	-.1125	-3.772	.2980-01
28	.60000	.80000	76.000	64.51	.5609	3.310-01	-.1008	-3.760	.2680-01
28	.60000	1.0000	77.000	57.23	4.976	.2940-01	-.1154	-3.775	.3060-01
28	.95000	.00000	78.000	363.2	3.158	.1864	.4954	-3.164	-.1566
28	.95000	.30000	79.000	104.1	.9047	.5340-01	-.2190-01	-3.681	.5900-02
28	.95000	.80000	80.000	56.30	4.895	.2890-01	-.1172	-3.777	.3100-01
28	1.0000	.30000	81.000	74.17	.6448	.3810-01	-.8150-01	-3.741	.2180-01
28	1.0000	.80000	82.000	39.11	.3400	.2010-01	-.1515	-3.811	.3980-01

IH11, MODEL 84-0, VERTICAL TAIL

(RG1V12)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST CONDITIONS

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
28	.00000	.00000	67.000	160.4	1.394	.8230-01	.9040-01	-3.569	-.2530-01
28	.00000	.40000	68.000	179.2	1.557	.9190-01	.1280	-3.531	-.3620-01
28	.75000-01	.00000	69.000	208.3	1.810	.1069	.1860	-3.473	-.5360-01
28	.10000+00	.00000	70.000	303.6	2.639	.1558	.3763	-3.283	-.1146
28	.60000	.00000	71.000	413.0	3.590	.2119	.5946	-3.065	-.1940
28	.60000	.10000+00	72.000	85.05	.7391	.4360-01	-.5990-01	-3.719	.1610-01
28	.60000	.20000	73.000	92.77	.8062	.4760-01	-.4450-01	-3.704	.1200-01
28	.60000	.40000	74.000	101.5	.8823	.5210-01	-.2700-01	-3.686	.7300-02
28	.60000	.60000	75.000	56.15	.4880	.2880-01	-.1176	-3.777	.3110-01
28	.60000	.80000	76.000	63.89	.5553	.3280-01	-.1021	-3.762	.2710-01
28	.60000	1.0000	77.000	51.02	.4434	.2620-01	-.1278	-3.787	.3370-01
28	.95000	.00000	78.000	301.6	2.621	.1547	.3722	-3.287	-.1132
28	.95000	.30000	79.000	98.86	.8592	.5070-01	-.3230-01	-3.692	.8800-02
28	.95000	.80000	80.000	56.10	.4876	.2880-01	-.1177	-3.777	.3110-01
28	1.0000	.30000	81.000	22.82	.1983	.1170-01	-.1841	-3.843	.4790-01
28	1.0000	.80000	82.000	35.35	.3073	.1810-01	-.1590	-3.818	.4170-01

IH11. MODEL 84-O. VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
27	.00000	.00000	67.000	86.97	1.281	.3550-01	.4500-01	-5.573	-.8100-02
27	.00000	.40000	68.000	103.9	1.531	.4240-01	.8490-01	-5.533	-.1530-01
27	.75000-01	.00000	69.000	107.4	1.582	.4380-01	.9310-01	-5.525	-.1680-01
27	.10000+00	.00000	70.000	159.5	2.350	.6500-01	.2159	-5.402	-.4000-01
27	.60000	.00000	71.000	311.4	4.588	.1270	.5737	-5.044	-.1137
27	.60000	.10000+00	72.000	51.20	.7543	.2090-01	-.3930-01	-5.657	.6900-02
27	.60000	.20000	73.000	51.39	.7570	.2100-01	-.3880-01	-5.656	.6900-02
27	.60000	.40000	74.000	54.59	.8042	.2230-01	-.3130-01	-5.649	.5500-02
27	.60000	.60000	75.000	29.55	.4354	.1200-01	-.9030-01	-5.708	.1580-01
27	.60000	.80000	76.000	34.91	.5142	.1420-01	-.7770-01	-5.695	.1360-01
27	.60000	1.0000	77.000	30.84	.4543	.1260-01	-.8730-01	-5.705	.1530-01
27	.95000	.00000	78.000	228.0	3.358	.9290-01	.3771	-5.240	-.7200-01
27	.95000	.30000	79.000	53.80	.7925	.2190-01	-.3320-01	-5.651	.5900-02
27	.95000	.80000	80.000	29.74	.4381	.1210-01	-.8980-01	-5.707	.1570-01
27	1.0000	.30000	81.000	36.60	.5392	.1490-01	-.7370-01	-5.691	.1290-01
27	1.0000	.80000	82.000	22.71	.3345	.9300-02	-.1064	-5.724	.1860-01

DATE 01 OCT 90
IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-0, VERTICAL TAIL

PARAMETRIC DATA

VERTICAL TAIL

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
27	2.989	.5383-01	1.976	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(1)	CP(1)	CP(1)	CP(1)
27	.00000	.00000	67.000	108.2	1.595	.4410-01	.9520-01	-5.522	-5.522	-5.522	-.1720-01
27	.00000	.40000	68.000	114.8	1.692	.4680-01	.1107	-5.507	-5.507	-5.507	-.2010-01
27	.75000-01	.00000	69.000	326.8	4.818	.1333	.6105	-5.007	-5.007	-5.007	-.1219
27	.10000+00	.00000	70.000	645.5	9.515	.2633	1.362	-4.256	-4.256	-4.256	-.3199
27	.60000	.00000	71.000	350.8	5.319	.1472	.6906	-4.927	-4.927	-4.927	-.1402
27	.60000	.10000+00	72.000	62.10	.9154	.2530-01	-.1350-01	-5.631	-5.631	-5.631	.2400-02
27	.60000	.20000	73.000	59.56	.6780	.2430-01	-.1950-01	-5.637	-5.637	-5.637	.3500-02
27	.60000	.40000	74.000	56.74	.8363	.2310-01	-.2620-01	-5.644	-5.644	-5.644	.4600-02
27	.60000	.60000	75.000	28.88	.4257	.1180-01	-.9180-01	-5.710	-5.710	-5.710	.1610-01
27	.60000	.80000	76.000	39.70	.5852	.1620-01	-.6630-01	-5.684	-5.684	-5.684	.1170-01
27	.60000	1.0000	77.000	30.82	.4544	.1250-01	-.8720-01	-5.705	-5.705	-5.705	.1530-01
27	.95000	.00000	78.000	285.1	4.203	.1163	.5121	-5.105	-5.105	-5.105	-.1003
27	.95000	.30000	79.000	68.34	1.007	.2790-01	.1200-02	-5.617	-5.617	-5.617	-.2000-03
27	.95000	.80000	80.000	36.32	.5353	.1480-01	-.7430-01	-5.692	-5.692	-5.692	.1310-01
27	1.0000	.30000	81.000	56.09	.8268	.2290-01	-.2770-01	-5.645	-5.645	-5.645	.4900-02
27	1.0000	.80000	82.000	39.53	.5827	.1610-01	-.6670-01	-5.684	-5.684	-5.684	.1170-01

IH11, MODEL 84-O, VERTICAL TAIL

(RG1V12)

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	PI/P	PI/AFO	CP(I)	CP(SI)	CPI/SI
27	.00000	.00000	67.000	138.9	2.048	.5670-01	.1676	-5.450	-.3070-01
27	.00000	.40000	68.000	148.2	2.184	.6040-01	.1893	-5.428	-.3490-01
27	.75000-01	.00000	69.000	508.2	7.490	.2073	1.038	-4.580	-.2266
27	.10000+00	.00000	70.000	928.6	13.69	.7788	2.329	-3.589	-.5652
27	.60000	.00000	71.000	446.9	6.587	.1823	.8934	-4.724	-.1891
27	.60000	.10000+00	72.000	79.29	1.169	.3230-01	.2700-01	-5.591	-.4800-02
27	.60000	.20000	73.000	76.37	1.126	.3120-01	.2010-01	-5.598	-.3600-02
27	.60000	.40000	74.000	78.82	1.162	.3220-01	.2590-01	-5.592	-.4600-02
27	.60000	.60000	75.000	37.23	.5487	.1520-01	-.7220-01	-5.690	.1270-01
27	.60000	.80000	76.000	41.34	.6093	.1690-01	-.6250-01	-5.688	.1100-01
27	.60000	1.0000	77.000	38.03	.5606	.1550-01	-.7030-01	-5.688	.1240-01
27	.95000	.00000	78.000	353.7	5.214	.1443	.6738	-4.944	-.1363
27	.95000	.30000	79.000	78.35	1.155	.3200-01	.2480-01	-5.593	-.4400-02
27	.95000	.80000	80.000	39.05	.5756	.1590-01	-.6790-01	-5.686	.1190-01
27	1.0000	.30000	81.000	65.56	.9664	.2670-01	-.5400-02	-5.623	.1000-02
27	1.0000	.80000	82.000	73.35	1.081	.2990-01	.1300-01	-5.605	-.2300-02

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
22	.00000	.00000	67.000	102.2	2.279	.2940-01	.1481	-8.723	-.1700-01
22	.00000	.40000	68.000	115.5	2.577	.3320-01	.1826	-8.689	-.2100-01
22	.75000-01	.00000	69.000	443.2	9.884	.1274	1.029	-7.842	-.1312
22	.10000+00	.00000	70.000	863.5	19.26	.2482	2.114	-6.757	-.3129
22	.60000	.00000	71.000	401.7	8.959	.1154	.9217	-7.950	-.1159
22	.60000	.10000+00	72.000	61.92	1.381	.1780-01	.4410-01	-8.827	-.5000-02
22	.60000	.20000	73.000	57.60	1.285	.1660-01	.3290-01	-8.838	-.3700-02
22	.60000	.40000	74.000	53.74	1.199	.1540-01	.2300-01	-8.848	-.2600-02
22	.60000	.60000	75.000	26.36	.5880	.7600-02	-.4770-01	-8.919	-.5400-02
22	.60000	.80000	76.000	30.12	.6717	.8700-02	-.3800-01	-8.909	-.4300-02
22	.60000	1.0000	77.000	22.55	.5030	.6500-02	-.5760-01	-8.929	-.6400-02
22	.95000	.00000	78.000	312.5	6.969	.8980-01	.6912	-8.180	-.8450-01
22	.95000	.30000	79.000	54.68	1.220	.1570-01	.2540-01	-8.846	-.2900-02
22	.95000	.80000	80.000	25.70	.5731	.7400-02	-.4940-01	-8.921	-.5500-02
22	1.0000	.30000	81.000	43.04	.9598	.1240-01	-.4700-02	-8.876	-.5000-03
22	1.0000	.80000	82.000	48.31	1.077	.1390-01	.9000-02	-8.862	-.1000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1V12)

IH11, MODEL 84-O, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-0.1991-01	1.834	3477.	44.85	387.1	211.3

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
22	.00000	.00000	67.000	76.56	1.707	.2200-01	.8190-01	-8.783	-.9300-02
22	.00000	.40000	68.000	83.91	1.871	.2410-01	.1009	-8.764	-.1150-01
22	.75000-01	.00000	69.000	268.4	5.984	.7720-01	.5774	-6.288	-.6970-01
22	.10000+00	.00000	70.000	557.4	12.43	.1503	1.324	-7.541	-.1756
22	.60000	.00000	71.000	310.7	6.927	.6340-01	.6867	-8.179	-.8400-01
22	.60000	.10000+00	72.000	46.03	1.026	.1320-01	.3000-02	-8.862	-.3000-03
22	.60000	.20000	73.000	43.02	.9591	.1240-01	.4700-02	-8.870	.5000-03
22	.60000	.40000	74.000	40.38	.9003	.1160-01	.1160-01	-8.877	.1300-02
22	.60000	.60000	75.000	19.93	.4444	.5700-02	.6440-01	-8.930	.7200-02
22	.60000	.80000	76.000	31.22	.6960	.9000-02	.3520-01	-8.900	.4000-02
22	.60000	1.0000	77.000	20.97	.4675	.6000-02	.6170-01	-8.927	.6900-02
22	.95000	.00000	78.000	243.4	5.427	.7000-01	.5129	-8.352	-.6140-01
22	.95000	.30000	79.000	43.92	.9792	.1260-01	-.2400-02	-8.868	.3000-03
22	.95000	.80000	80.000	22.92	.5110	.6600-02	.5670-01	-8.922	.6400-02
22	1.0000	.30000	81.000	32.15	.7167	.9200-02	-.3280-01	-8.898	.3700-02
22	1.0000	.80000	82.000	24.78	.5525	.7100-02	-.5180-01	-8.917	.5800-02

IH11, MODEL 84-0, VERTICAL TAIL

VERTICAL TAIL

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST DATA

RUN NUMBER	2Y/B	X/CT	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
22	.00000	.00000	67.000	57.17	1.274	.1640-01	.3170-01	-8.832	-3600-02
22	.00000	.40000	68.000	67.90	1.513	.1950-01	.5940-01	-8.805	-6800-02
22	.75000-01	.00000	69.000	78.06	1.740	.2240-01	.8570-01	-8.778	-9800-02
22	.10000+00	.00000	70.000	128.1	2.855	.3680-01	2.150	-8.649	-2490-01
22	.60000	.00000	71.000	227.5	5.068	.6340-01	4.714	-8.393	-5620-01
22	.60000	.10000+00	72.000	35.99	.8019	.1030-01	-.2300-01	-8.887	.2600-02
22	.60000	.20000	73.000	33.73	.7515	.9700-02	.2880-01	-8.893	.3200-02
22	.60000	.40000	74.000	32.78	.7305	.9400-02	-.3120-01	-8.895	.3500-02
22	.60000	.60000	75.000	15.94	.3551	.4600-02	-.7470-01	-8.939	.8400-02
22	.60000	.80000	76.000	33.92	.7558	.9800-02	-.2830-01	-8.893	.3200-02
22	.60000	1.00000	77.000	23.30	.5192	.6700-02	-.5570-01	-8.920	.6200-02
22	.95000	.00000	78.000	184.1	4.102	.5290-01	.3595	-8.505	-.4230-01
22	.95000	.30000	79.000	40.66	.9061	.1170-01	-.1090-01	-8.875	.1200-02
22	.95000	.80000	80.000	24.82	.5630	.7100-02	-.5180-01	-8.916	.5800-02
22	1.00000	.30000	81.000	28.69	.6394	.8300-02	-.4180-01	-8.906	.4700-02
22	1.00000	.80000	82.000	20.69	.4610	.5900-02	-.6250-01	-8.927	.7000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1001)

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/SI
3	1.0000	.00000	86.000	265.4	2.312	.1365	.3012	-3.358	-.8970-01
3	1.0000	.25000-01	83.000	243.2	2.118	.1251	.2568	-3.403	-.7550-01
3	1.0000	.40000	84.000	281.2	2.449	.1446	.3327	-3.327	-.1000+00
3	1.0000	.75600	85.000	83.20	.7247	.4280-01	-.6320-01	-3.723	-.1700-01
3	2.0000	.00000	87.000	262.4	2.285	.1349	.2951	-3.364	-.8770-01
3	2.0000	.25000-01	88.000	448.5	3.906	.2306	.6673	-2.992	-.2230
3	2.0000	.50000-01	89.000	497.6	4.334	.2559	.7655	-2.894	-.2645
3	2.0000	.10000+00	90.000	351.1	3.059	.1806	.4726	-3.187	-.1483
3	2.0000	.20000	91.000	258.5	2.251	.1329	.2873	-3.372	-.8520-01
3	2.0000	.40000	92.000	159.4	1.388	.8190-01	.8910-01	-3.570	-.2500-01
3	2.0000	.60000	93.000	132.9	1.158	.6830-01	.3620-01	-3.623	-.1000-01
3	2.0000	.75600	94.000	112.7	.9815	.5790-01	-.4300-02	-3.664	-.1200-02
3	2.0000	.91500	95.000	104.1	.9069	.5350-01	-.2140-01	-3.681	.5800-02
3	3.0000	.00000	96.000	229.4	1.998	.1180	.2292	-3.430	-.6680-01
3	3.0000	.50000-01	97.000	195.5	1.703	.1005	.1614	-3.498	-.4610-01
3	3.0000	.30000	98.000	193.5	1.685	.9950-01	.1574	-3.502	-.4490-01
3	3.0000	.75600	99.000	78.88	.6871	.4060-01	-.7180-01	-3.731	.1930-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

LEFT OMS POD

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
3	1.0000	.00000	86.000	199.0	1.733	.1023	.1683	-3.491	-.4820-01
3	1.0000	.25000-01	83.000	187.9	1.636	.9560-01	.1461	-3.513	-.4160-01
3	1.0000	.40000	84.000	220.0	1.916	.1131	.2102	-3.449	-.6100-01
3	1.0000	.75600	85.000	71.48	.6223	.3670-01	-.8670-01	-3.746	-.2310-01
3	2.0000	.00000	87.000	210.5	1.833	.1082	.1913	-3.468	-.5520-01
3	2.0000	.25000-01	88.000	405.0	3.526	.2082	.5800	-3.079	-.1883
3	2.0000	.50000-01	89.000	476.2	4.146	.2447	.7222	-2.937	-.2459
3	2.0000	1.0000*00	90.000	316.6	2.756	.1627	.4032	-3.256	-.1238
3	2.0000	.20000	91.000	229.7	2.000	.1181	.2295	-3.430	-.6690-01
3	2.0000	.40000	92.000	137.2	1.194	.7050-01	.4470-01	-3.615	-.1240-01
3	2.0000	.60000	93.000	112.6	.9807	.5790-01	-.4400-02	-3.664	.1200-02
3	2.0000	.75600	94.000	98.67	.8590	.5070-01	-.3240-01	-3.692	.8800-02
3	2.0000	.91500	95.000	91.72	.7985	.4710-01	-.4630-01	-3.705	.1250-01
3	3.0000	.00000	96.000	201.1	1.751	.1034	.1725	-3.487	-.4950-01
3	3.0000	.50000-01	97.000	166.3	1.448	.8550-01	.1029	-3.557	-.2890-01
3	3.0000	.30000	98.000	171.7	1.495	.8820-01	.1136	-3.546	-.3200-01
3	3.0000	.75600	99.000	68.01	.5921	.3500-01	-.9370-01	-3.753	.2500-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-OTS. LEFT OMS POD

(RG1001)

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
3	1.0000	.00000	86.000	145.6	1.268	.7480-01	.6140-01	-3.598	-.1710-01
3	1.0000	.25000-01	83.000	146.7	1.277	.7540-01	.6360-01	-3.596	-.1770-01
3	1.0000	.40000	84.000	173.4	1.509	.8910-01	.1170	-3.543	-.3300-01
3	1.0000	.75600	85.000	64.53	.5619	.3320-01	-.1006	-3.760	.2680-01
3	2.0000	.00000	87.000	191.2	1.665	.5830-01	.1527	-3.507	-.4350-01
3	2.0000	.25000-01	88.000	427.7	3.724	.2198	.6254	-3.034	-.2061
3	2.0000	.50000-01	89.000	439.8	3.829	.2261	.6496	-3.010	-.2158
3	2.0000	.10000+00	90.000	270.5	2.355	.1390	.3112	-3.348	-.9290-01
3	2.0000	.20000	91.000	201.9	1.758	.1038	.1740	-3.486	-.4990-01
3	2.0000	.40000	92.000	120.6	1.050	.6200-01	.1150-01	-3.648	-.3200-02
3	2.0000	.60000	93.000	97.99	.8532	.5040-01	-.3370-01	-3.693	.9100-02
3	2.0000	.75600	94.000	85.71	.7462	.4410-01	-.5830-01	-3.718	.1570-01
3	3.0000	.91500	95.000	80.20	.6983	.4120-01	-.6930-01	-3.729	.1860-01
3	3.0000	.00000	96.000	256.7	2.235	.1319	.2836	-3.376	-.8400-01
3	3.0000	.50000-01	97.000	169.8	1.478	.8730-01	.1099	-3.550	-.3100-01
3	3.0000	.30000	98.000	159.5	1.389	.8200-01	.8920-01	-3.570	-.2500-01
3	3.0000	.75600	99.000	66.14	.5759	.3400-01	-.9740-01	-3.757	.2590-01

LEFT OMS POD

IH11, MODEL 84-OTS, LEFT OMS POD

(RG1001)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PSFA	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5	

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(1)	CP1/SI	CP1/SI
9	1.0000	.00000	86.000	73.75	1.088	.3010-01	.1400-01	-5.603	-2500-02	
9	1.0000	.25000-01	83.000	70.44	1.039	.2880-01	.6200-02	-5.610	-1100-02	
9	1.0000	.40000	84.000	91.97	1.357	.3760-01	.5700-01	-5.560	-1030-01	
9	1.0000	.75600	85.000	37.89	.5589	.1550-01	-.7050-01	-5.687	-1240-01	
9	2.0000	.00000	87.000	124.0	1.829	.2060-01	.1328	-5.484	-.2420-01	
9	2.0000	.25000-01	88.000	304.6	4.493	.1244	.5585	-5.058	-.1104	
9	2.0000	.50000-01	89.000	318.1	4.693	.1299	.5905	-5.026	-.1175	
9	2.0000	.10000+00	90.000	176.4	2.602	.7200-01	.2562	-5.360	-.4780-01	
9	2.0000	.20000	91.000	130.9	1.931	.5340-01	.1488	-5.468	-.2720-01	
9	2.0000	.40000	92.000	80.70	1.190	.3300-01	.3040-01	-5.586	-.5400-02	
9	2.0000	.60000	93.000	62.13	.9165	.2540-01	-.1340-01	-5.630	-.2400-02	
9	2.0000	.75600	94.000	52.21	.7702	.2130-01	-.3680-01	-5.654	-.6500-02	
9	2.0000	.91500	95.000	46.96	.6926	.1920-01	-.4920-01	-5.665	-.8700-02	
9	3.0000	.00000	96.000	165.3	2.438	.6750-01	.2300	-5.387	-.4270-01	
9	3.0000	.50000-01	97.000	99.26	1.464	.4050-01	.7420-01	-5.543	-.1340-01	
9	3.0000	.30000	98.000	102.6	1.513	.4190-01	.8200-01	-5.535	-.1480-01	
9	3.0000	.75600	99.000	37.97	.5601	.1550-01	-.7030-01	-5.687	-.1240-01	

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
9	1.0000	.00000	86.000	185.5	2.736	.7570-01	.2776	-5.341	-.5200-01
9	1.0000	.25000-01	83.000	166.5	2.455	.6790-01	.2327	-5.386	-.4320-01
9	1.0000	.40000	84.000	207.6	3.062	.8470-01	.3296	-5.289	-.6230-01
9	1.0000	.75600	85.000	61.34	.9047	.2500-01	-.1520-01	-5.634	.2700-02
9	2.0000	.00000	87.000	159.9	2.359	.6530-01	.2173	-5.401	-.4020-01
9	2.0000	.25000-01	88.000	300.3	4.429	.1225	.5482	-5.071	-.1081
9	2.0000	.50000-01	89.000	363.8	5.367	.1485	.6981	-4.921	-.1419
9	2.0000	.10000-00	90.000	256.8	3.789	.1048	.4458	-5.173	-.8620-01
9	2.0000	.20000	91.000	181.9	2.682	.7420-01	.2690	-5.350	-.5030-01
9	2.0000	.40000	92.000	114.7	1.691	.4680-01	.1105	-5.508	-.2010-01
9	2.0000	.60000	93.000	96.97	1.430	.3960-01	.6880-01	-5.550	-.1240-01
9	2.0000	.75600	94.000	81.56	1.203	.3330-01	.3250-01	-5.586	-.5800-02
9	2.0000	.91500	95.000	73.10	1.078	.2980-01	.1250-01	-5.606	-.2200-02
9	3.0000	.00000	96.000	131.0	1.932	.5350-01	.1490	-5.470	-.2720-01
9	3.0000	.50000-01	97.000	104.6	1.543	.4270-01	.8680-01	-5.532	-.1570-01
9	3.0000	.30000	98.000	120.6	1.779	.4920-01	.1245	-5.494	-.2270-01
9	3.0000	.75600	99.000	53.38	.7874	.2180-01	-.3400-01	-5.653	.6000-02

IH11, MODEL 84-OTS, LEFT OMS POD

(RG1001)

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
9	1.0000	.00000	86.000	117.3	1.732	.4790-01	.1170	-5.502	-.2130-01
9	1.0000	.25000-01	83.000	112.2	1.656	.4580-01	.1048	-5.514	-.1900-01
9	1.0000	.40000	84.000	134.2	1.982	.5480-01	.1569	-5.462	-.2870-01
9	1.0000	.75600	85.000	46.16	.6813	.1880-01	-.5100-01	-5.670	-.9000-02
9	2.0000	.00000	87.000	124.8	1.842	.5100-01	.1346	-5.484	-.2450-01
9	2.0000	.25000-01	88.000	241.0	3.558	.9840-01	.4090	-5.210	-.7850-01
9	2.0000	.50000-01	89.000	307.3	4.536	.1255	.5653	-5.053	-.1119
9	2.0000	1.0000*00	90.000	216.2	3.191	.8830-01	.3502	-5.268	-.6650-01
9	2.0000	.20000	91.000	150.2	2.216	.6130-01	.1945	-5.424	-.3590-01
9	2.0000	.40000	92.000	97.78	1.443	.3990-01	.7090-01	-5.548	-.1280-01
9	2.0000	.60000	93.000	78.91	1.165	.3220-01	.2630-01	-5.592	-.4700-02
9	2.0000	.75600	94.000	66.38	.9798	.2710-01	-.3200-02	-5.622	.6000-03
9	2.0000	.91500	95.000	60.71	.8961	.2480-01	-.1660-01	-5.635	.2900-02
9	3.0000	.00000	96.000	125.4	1.852	.5120-01	.1362	-5.483	-.2480-01
9	3.0000	.50000-01	97.000	97.86	1.444	.4000-01	.7110-01	-5.548	-.1280-01
9	3.0000	.30000	98.000	107.3	1.583	.4380-01	.9320-01	-5.525	-.1690-01
9	3.0000	.75600	99.000	41.76	.6163	.1710-01	-.6130-01	-5.680	.1080-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, LEFT OMS POD

(RG1001)

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	R(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/S1
9	1.0000	.00000	86.000	75.56	1.114	.3080-01	.1820-01	-5.600	-.3300-02
9	1.0000	.25000-01	83.000	78.43	1.156	.3200-01	.2500-01	-5.594	-.4500-02
9	1.0000	.40000	84.000	92.48	1.364	.3770-01	.5810-01	-5.561	-.1050-01
9	1.0000	.75600	85.000	37.04	.5462	.1510-01	-.7250-01	-5.691	.1270-01
9	2.0000	.00000	87.000	122.8	1.810	.5010-01	.1296	-5.489	-.2360-01
9	2.0000	.25000-01	88.000	296.5	4.373	.1210	.5392	-5.080	-.1062
9	2.0000	.50000-01	89.000	318.5	4.696	.1299	.5909	-5.028	-.1175
9	2.0000	.10000+00	90.000	176.1	2.597	.7180-01	.2553	-5.363	-.4760-01
9	2.0000	.20000	91.000	131.2	1.935	.5350-01	.1495	-5.469	-.2730-01
9	2.0000	.40000	92.000	80.46	1.186	.3280-01	.2980-01	-5.589	-.5300-02
9	2.0000	.60000	93.000	61.25	.9032	.2500-01	-1.550-01	-5.634	-.2700-02
9	2.0000	.75600	94.000	51.69	.7621	.2110-01	-.3800-01	-5.657	.6700-02
9	2.0000	.91500	95.000	46.61	.6873	.1900-01	-.5000-01	-5.669	.8800-02
9	3.0000	.00000	96.000	172.6	2.546	.7040-01	.2471	-5.372	-.4600-01
9	3.0000	.50000-01	97.000	99.51	1.467	.4060-01	.7470-01	-5.544	-.1350-01
9	3.0000	.30000	98.000	106.9	1.576	.4360-01	.9210-01	-5.527	-.1670-01
9	3.0000	.75600	99.000	37.64	.5550	.1540-01	-.7110-01	-5.690	.1250-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
6	1.0000	.00000	86.000	134.0	2.983	.3850-01	.2299	-8.628	-.2660-01
6	1.0000	.25000-01	83.000	118.9	2.646	.3420-01	.1908	-8.667	-.2200-01
6	1.0000	.40000	84.000	166.3	3.701	.4780-01	.3132	-8.545	-.3670-01
6	1.0000	.75600	85.000	46.09	1.026	.1330-01	.3000-02	-8.855	-.3000-03
6	2.0000	.00000	87.000	107.2	2.387	.3080-01	.1608	-8.697	-.1850-01
6	2.0000	.25000-01	88.000	182.5	4.063	.5250-01	.3551	-8.503	-.4180-01
6	2.0000	.50000-01	89.000	241.0	5.364	.6930-01	.5060	-8.352	-.6060-01
6	2.0000	.10000+00	90.000	205.7	4.578	.5910-01	.4148	-8.443	-.4910-01
6	2.0000	.20000	91.000	148.3	3.302	.4270-01	.2668	-8.591	-.3110-01
6	2.0000	.40000	92.000	81.24	1.809	.2340-01	.9370-01	-8.764	-.1070-01
6	2.0000	.60000	93.000	68.79	1.531	.1980-01	.6160-01	-8.796	-.7000-02
6	2.0000	.75600	94.000	62.19	1.384	.1790-01	.4460-01	-8.813	-.5100-02
6	2.0000	.91500	95.000	57.78	1.286	.1660-01	.3320-01	-8.825	-.3800-02
6	3.0000	.00000	96.000	89.97	2.003	.2590-01	.1162	-8.742	-.1330-01
6	3.0000	.50000-01	97.000	72.26	1.609	.2080-01	.7060-01	-8.787	-.8000-02
6	3.0000	.30000	98.000	82.77	1.843	.2380-01	.9770-01	-8.760	-.1110-01
6	3.0000	.75600	99.000	38.89	.8658	.1120-01	-.1560-01	-8.873	-.1800-02

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-5.379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
6	1.0000	.00000	86.000	80.23	1.786	.2310-01	.9120-01	-8.766	-.1040-01
6	1.0000	.25000-01	83.000	73.97	1.647	.2130-01	.7500-01	-8.782	-.8500-02
6	1.0000	.40000	84.000	102.8	2.290	.2960-01	.1495	-8.708	-.1720-01
6	1.0000	.75600	85.000	37.15	.8272	.1070-01	-.2000-01	-8.877	-.2300-02
6	2.0000	.00000	87.000	83.70	1.864	.2410-01	.1001	-8.757	-.1140-01
6	2.0000	.25000-01	88.000	176.0	3.918	.5060-01	.3383	-8.519	-.3970-01
6	2.0000	.50000-01	89.000	232.5	5.177	.6690-01	.4842	-8.373	-.5780-01
6	2.0000	.10000+00	90.000	172.9	3.850	.4970-01	.3304	-8.527	-.3870-01
6	2.0000	.20000	91.000	117.0	2.604	.3360-01	.1860	-8.671	-.2140-01
6	2.0000	.40000	92.000	65.93	1.468	.1900-01	.5430-01	-8.803	-.6200-02
6	2.0000	.60000	93.000	58.06	1.293	.1670-01	.3390-01	-8.823	-.3800-02
6	2.0000	.75600	94.000	49.17	1.095	.1410-01	.1100-01	-8.846	-.1200-02
6	2.0000	.91500	95.000	45.70	1.018	.1310-01	.2000-02	-8.855	-.2000-03
6	3.0000	.00000	96.000	82.43	1.835	.2370-01	.9690-01	-8.760	-.1110-01
6	3.0000	.50000-01	97.000	68.81	1.532	.1980-01	.6170-01	-8.795	-.7000-02
6	3.0000	.30000	98.000	69.06	1.538	.1990-01	.6230-01	-8.795	-.7100-02
6	3.0000	.75600	99.000	32.16	.7161	.9300-02	-.3290-01	-8.890	-.3700-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
6	1.0000	.00000	86.000	46.05	1.026	.1330-01	.3000-01	.3000-02	-8.854
6	1.0000	.25000-01	83.000	38.26	.8522	.1100-01	.1710-01	.1710-01	-8.874
6	1.0000	.40000	84.000	59.18	1.318	.1700-01	.3690-01	.3690-01	-8.820
6	1.0000	.75600	85.000	26.31	.5861	.7500-02	.4800-01	.4800-01	-8.905
6	2.0000	.00000	87.000	83.84	1.868	.2410-01	.1006	.1006	-8.756
6	2.0000	.25000-01	88.000	245.8	5.476	.7080-01	.5190	.5190	-8.338
6	2.0000	.50000-01	89.000	260.4	5.801	.7500-01	.5566	.5566	-8.300
6	2.0000	1.0000*00	90.000	138.7	3.091	.2910-01	.2424	.2424	-8.615
6	2.0000	.20000	91.000	94.09	2.096	.1750-01	.4090-01	.4090-01	-8.730
6	2.0000	.40000	92.000	60.71	1.352	.1360-01	.6300-02	.6300-02	-8.816
6	2.0000	.60000	93.000	47.32	1.054	.1090-01	.1800-01	.1800-01	-8.875
6	2.0000	.75600	94.000	37.92	.8446	.9900-02	.2720-01	.2720-01	-8.884
6	3.0000	.00000	95.000	34.36	.7654	.3260-01	.1763	.1763	-8.681
6	3.0000	.00000	96.000	113.2	2.521	.1960-01	.6030-01	.6030-01	-8.797
6	3.0000	.50000-01	97.000	68.25	1.520	.2000-01	.6380-01	.6380-01	-8.793
6	3.0000	.30000	98.000	69.61	1.551	.8300-02	.4160-01	.4160-01	-8.899
6	3.0000	.75600	99.000	28.77	.6408				

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI'P	PI/FO	CP(I)	CP(SI)	CPI/SI
2	1.0000	.00000	86.000	200.6	1.747	.1031	.1715	-3.488	-.4920-01
2	1.0000	.25000-01	83.000	205.8	1.793	.1058	.1820	-3.478	-.5230-01
2	1.0000	.40000	84.000	182.0	1.585	.9360-01	.1343	-3.525	-.3810-01
2	1.0000	.75600	85.000	65.75	.5726	.3380-01	-.9810-01	-3.758	-.2610-01
2	2.0000	.00000	87.000	134.6	1.172	.6320-01	.3950-01	-3.620	-.1090-01
2	2.0000	.25000-01	88.000	147.0	1.281	.7560-01	.6440-01	-3.595	-.1790-01
2	2.0000	.50000-01	89.000	165.0	1.437	.8480-01	.1003	-3.559	-.2820-01
2	2.0000	.10000+00	90.000	175.2	1.526	.9010-01	.1207	-3.539	-.3410-01
2	2.0000	.20000	91.000	160.7	1.400	.8260-01	.9180-01	-3.568	-.2570-01
2	2.0000	.40000	92.000	103.1	.8982	.5300-01	-.2340-01	-3.683	-.6300-02
2	2.0000	.60000	93.000	82.50	.7184	.4240-01	-.6460-01	-3.724	-.1740-01
2	2.0000	.75600	94.000	70.15	.6109	.3610-01	-.8930-01	-3.749	-.2380-01
2	2.0000	.91500	95.000	65.66	.5718	.3380-01	-.9830-01	-3.758	-.2620-01
3	3.0000	.00000	96.000	116.7	1.016	.6000-01	.3700-02	-3.656	-.1000-02
2	3.0000	.50000-01	97.000	105.6	.9196	.5430-01	-.1850-01	-3.678	-.5000-02
2	3.0000	.30000	98.000	105.5	.9188	.5420-01	-.1860-01	-3.678	-.5100-02
2	3.0000	.75600	99.000	74.46	.6485	.3830-01	-.8070-01	-3.740	-.2160-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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LEFT JMS POD

IH11. MODEL 84-OTS, LEFT JMS POD

(RG1002)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	RAY	X/LR/LF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
2	1.0000	.00000	86.000	220.0	1.916	.1131	.2102	-3.449	-.6090-01
2	1.0000	.25000-01	83.000	234.7	2.043	.1206	.2395	-3.420	-.7000-01
2	1.0000	.40000	84.000	207.0	1.802	.1064	.1841	-3.475	-.5300-01
2	1.0000	.75600	85.000	64.57	.5622	.3320-01	-.1005	-3.760	-.2670-01
2	2.0000	.00000	87.000	162.1	1.411	.6330-01	.9440-01	-3.565	-.2650-01
2	2.0000	.25000-01	88.000	227.0	1.976	.1167	.2241	-3.435	-.6520-01
2	2.0000	.50000-01	89.000	262.8	2.288	.1351	.2957	-3.364	-.8790-01
2	2.0000	.10000+00	90.000	227.4	1.980	.1169	.2249	-3.435	-.6550-01
2	2.0000	.20000	91.000	181.0	1.576	.9300-01	.1322	-3.527	-.3750-01
2	2.0000	.40000	92.000	109.0	.9492	.5600-01	-.1170-01	-3.671	-.3200-02
2	2.0000	.60000	93.000	86.24	.7509	.4430-01	-.5720-01	-3.717	-.1540-01
2	2.0000	.75600	94.000	.73.12	.6366	.3760-01	-.8340-01	-3.743	-.2230-01
2	2.0000	.91500	95.000	69.90	.6086	.3550-01	-.8990-01	-3.749	-.2400-01
2	3.0000	.00000	96.000	123.4	1.074	.6340-01	.1710-01	-3.642	-.4700-02
2	3.0000	.50000-01	97.000	106.9	.9308	.5490-01	-.1590-01	-3.675	-.4300-02
2	3.0000	.30000	98.000	121.1	1.055	.6230-01	.1250-01	-3.647	-.3400-02
2	3.0000	.75600	99.000	73.71	.6418	.3790-01	-.6220-01	-3.742	-.2200-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1002)

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO UEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CPI/SI
2	1.0000	.00000	86.000	295.3	2.570	.1517	.3605	-3.299	-.1093
2	1.0000	.25000-01	83.000	276.8	2.410	.1423	.3237	-3.336	-.9700-01
2	1.0000	.40000	84.000	250.7	2.182	.1288	.2714	-3.388	-.8010-01
2	1.0000	.75600	85.000	64.99	.5657	.3340-01	-.9970-01	-3.759	.2650-01
2	2.0000	.00000	87.000	212.9	1.853	.1094	.1959	-3.464	-.5660-01
2	2.0000	.25000-01	88.000	255.3	2.222	.1312	.2806	-3.379	-.8300-01
2	2.0000	.50000-01	89.000	284.2	2.474	.1460	.3384	-3.321	-.1019
2	2.0000	.10000+00	90.000	245.0	2.132	.1259	.2600	-3.400	-.7650-01
2	2.0000	.20000	91.000	195.2	1.693	.1003	.1606	-3.499	-.4590-01
2	2.0000	.40000	92.000	121.4	1.057	.6240-01	.1300-01	-3.647	-.3600-02
2	2.0000	.60000	93.000	98.82	.8602	.5080-01	-.3210-01	-3.692	.8700-02
2	2.0000	.75600	94.000	86.64	.7542	.4450-01	-.5640-01	-3.716	.1520-01
2	2.0000	.91500	95.000	82.75	.7203	.4250-01	-.6420-01	-3.724	.1720-01
2	3.0000	.00000	96.000	175.9	1.531	.9040-01	.1219	-3.538	-.3440-01
2	3.0000	.50000-01	97.000	148.2	1.290	.7620-01	.6660-01	-3.593	-.1850-01
2	3.0000	.30000	98.000	151.4	1.318	.7780-01	.7300-01	-3.587	-.2040-01
2	3.0000	.75600	99.000	77.34	.6732	.3970-01	-.7500-01	-3.735	-.2010-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/P0	CP(I)	CP(SI)	CP1/SI
8	1.0000	.00000	86.000	148.2	2.184	.6040-01	.1893	-5.430	-.3490-01
8	1.0000	.25000-01	83.000	119.3	1.758	.4960-01	.1212	-5.498	-.2210-01
8	1.0000	.40000	84.000	117.7	1.735	.4800-01	.1174	-5.502	-.2130-01
8	1.0000	.75600	85.000	35.33	.5205	.1440-01	-.7670-01	-5.696	.1350-01
8	2.0000	.00000	87.000	78.86	1.162	.210-01	.2590-01	-5.593	-.4600-02
8	2.0000	.25000-01	88.000	85.17	1.314	.3630-01	.5020-01	-5.569	-.9000-02
8	2.0000	.50000-01	89.000	97.96	1.443	.3990-01	.7090-01	-5.548	-.1280-01
8	2.0000	.10000*00	90.000	105.6	1.555	.4300-01	.8880-01	-5.530	-.1610-01
8	2.0000	.20000	91.000	102.0	1.503	.4160-01	.8040-01	-5.539	-.1450-01
8	2.0000	.40000	92.000	66.69	.9875	.2720-01	-.2800-02	-5.622	.5000-03
8	2.0000	.60000	93.000	51.64	.7608	.2100-01	-.3820-01	-5.657	.6800-02
8	2.0000	.75600	94.000	40.91	.6027	.1670-01	-.6350-01	-5.683	.1120-01
8	2.0000	.00000	95.000	37.78	.5566	.1540-01	-.7090-01	-5.690	.1250-01
8	3.0000	.00000	96.000	71.42	1.052	.2910-01	.8400-02	-5.611	-.1500-02
8	3.0000	.50000-01	97.000	58.91	.8679	.2400-01	-.2110-01	-5.643	-.3700-02
8	3.0000	.30000	98.000	68.12	1.004	.2780-01	.6000-03	-5.618	-.1000-03
8	3.0000	.75600	99.000	40.23	.5927	.1640-01	-.6510-01	-5.684	.1150-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(S1)	CP1/S1
8	1.0000	.00000	86.000	276.8	4.083	.1129	.4928	-5.126	-.1510-01
8	1.0000	.25000-01	83.000	136.8	2.017	.5580-01	.1626	-5.456	-.2980-01
8	1.0000	.40000	84.000	136.0	2.005	.5550-01	.1608	-5.458	-.1950-01
8	1.0000	.75600	85.000	36.99	.5454	.1510-01	-.7270-01	-5.692	-.1480-01
8	2.0000	.00000	87.000	108.8	1.605	.4440-01	.9670-01	-5.522	-.1750-01
8	2.0000	.25000-01	88.000	166.7	2.459	.6800-01	.2332	-5.386	-.4330-01
8	2.0000	.50000-01	89.000	193.9	2.860	.7910-01	.2973	-5.322	-.5590-01
8	2.0000	.10000+00	50.000	159.7	2.355	.6520-01	.2167	-5.402	-.4010-01
8	2.0000	.20000	91.000	119.8	1.767	.4890-01	.1226	-5.496	-.2230-01
8	2.0000	.40000	92.000	64.94	.9576	.2650-01	-.6800-02	-5.626	.1200-02
8	2.0000	.60000	93.000	48.00	.7078	.1960-01	-.4670-01	-5.666	.8200-02
8	2.0000	.75600	94.000	42.49	.6266	.1730-01	-.5970-01	-5.678	.1050-01
8	2.0000	.91500	95.000	42.07	.6204	.1720-01	-.6070-01	-5.679	.1070-01
8	3.0000	.00000	96.000	61.80	.9114	.2520-01	-.1420-01	-5.633	.2500-02
8	3.0000	.5100-01	97.000	51.13	.7540	.2090-01	-.3930-01	-5.658	.7000-02
8	3.0000	.30000	98.000	64.68	.9539	.2640-01	-.7400-02	-5.626	.1300-02
8	3.0000	.75600	99.000	43.42	.6404	.1770-01	-.5750-01	-5.676	.1010-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
8	2.989	-5.000	1.585	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
8	1.0000	.00000	86.000	175.4	2.589	.7160-01	.2540	-5.364	-.4740-01
8	1.0000	.25000-01	83.000	199.0	2.937	.8130-01	.3097	-5.309	-.5830-01
8	1.0000	.40000	84.000	183.1	2.702	.7480-01	.2722	-5.346	-.5090-01
8	1.0000	.75600	85.000	43.78	.6462	.1790-01	-.5660-01	-5.675	-.1000-01
8	2.0000	.00000	87.000	177.7	2.623	-.260-01	.2594	-5.359	-.4840-01
8	2.0000	.25000-01	88.000	421.0	6.214	.1719	.8336	-4.785	-.1742
8	2.0000	.50000-01	89.000	411.1	6.068	.1679	.8102	-4.808	-.1685
8	2.0000	.10000+00	90.000	210.0	3.099	.8580-01	.3356	-5.283	-.6350-01
8	2.0000	.20000	91.000	131.3	1.938	.5360-01	.1499	-5.469	-.2740-01
8	2.0000	.40000	92.000	73.37	1.083	.3000-01	.1330-01	-5.605	-.2400-02
8	2.0000	.60000	93.000	56.71	.8371	.2320-01	-.2600-01	-5.645	.4600-02
8	2.0000	.75600	94.000	51.22	.7560	.2090-01	-.3900-01	-5.658	.6900-02
8	2.0000	.91500	95.000	52.82	.7798	.2160-01	-.3520-01	-5.654	.6200-02
8	3.0000	.00000	96.000	128.6	1.899	.5250-01	.1437	-5.475	-.2630-01
8	3.0000	.50000-01	97.000	92.13	1.360	.3760-01	.5760-01	-5.561	-.1030-01
8	3.0000	.30000	98.000	91.88	1.356	.3750-01	.5700-01	-5.562	-.1020-01
8	3.0000	.75600	99.000	47.08	.6949	.1920-01	-.4880-01	-5.667	.8600-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 477

IH11, MODEL 84-OTS, LEFT OMS POD

(RG1002)

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
5	1.0000	.00000	86.000	84.09	1.872	.2420-01	.1010	-8.758	-.1150-01
5	1.0000	.25000-01	83.000	85.36	1.900	.2450-01	.1043	-8.755	-.1190-01
5	1.0000	.40000	84.000	83.83	1.866	.2410-01	.1004	-8.759	-.1150-01
5	1.0000	.75600	85.000	25.74	.5730	.7400-02	-.4950-01	-8.909	.5600-02
5	2.0000	.00000	87.000	57.75	1.285	.1660-01	.3310-01	-8.826	-.3700-02
5	2.0000	.25000-01	88.000	65.97	1.468	.1900-01	.5430-01	-8.805	-.6200-02
5	2.0000	.50000-01	89.000	78.67	1.751	.2260-01	.8710-01	-8.772	-.9900-02
5	2.0000	.10000+00	90.000	77.23	1.719	.2220-01	.8330-01	-8.776	-.9500-02
5	2.0000	.20000	91.000	67.07	1.493	.1930-01	.5710-01	-8.802	-.6500-02
5	2.0000	.40000	92.000	41.07	.9141	.1180-01	-.1000-01	-8.869	.1100-02
5	2.0000	.60000	93.000	36.07	.8029	.1040-01	-.2280-01	-8.882	.2600-02
5	2.0000	.75600	94.000	30.32	.6747	.8700-02	.3770-01	-8.897	.4200-02
5	2.0000	.91500	95.000	28.28	.6295	.8100-02	-.4290-01	-8.902	.4800-02
5	3.0000	.00000	96.000	47.25	1.052	.1360-01	.6000-02	-8.653	-.7000-03
5	3.0000	.50000-01	97.000	33.45	.7445	.9600-02	-.2960-01	-8.889	.3300-02
5	3.0000	.30000	98.000	36.07	.8029	.1040-01	-.2280-01	-8.882	.2600-02
5	3.0000	.75600	99.000	27.10	.6031	.7800-02	-.4600-01	-8.905	.5200-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, LEFT OMS POD

(RG1002)

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
5	1.0000	.00000	86.000	238.5	5.308	.6860-01	.4994	-8.358	-.5970-01
5	1.0000	.25000-01	83.000	103.8	2.310	.2930-01	.1519	-8.706	-.1740-01
5	1.0000	.40000	84.000	103.0	2.293	.2960-01	.1499	-8.708	-.1720-01
5	1.0000	.75600	85.000	28.40	.6321	.8200-02	-.4270-01	-8.900	.4800-02
5	2.0000	.00000	87.000	81.10	1.805	.330-01	.9330-01	-8.764	-.1060-01
5	2.0000	.25000-01	88.000	127.2	2.830	.3660-01	.2122	-8.645	-.2450-01
5	2.0000	.50000-01	89.000	151.0	3.360	.4340-01	.2736	-8.584	-.3190-01
5	2.0000	1.0000*00	90.000	118.8	2.644	.3420-01	.1906	-8.667	-.2200-01
5	2.0000	.20000	91.000	87.96	1.957	.2530-01	.1110	-8.747	-.1270-01
5	2.0000	.40000	92.000	49.24	1.096	.1420-01	.1110-01	-8.847	-.1300-02
5	2.0000	.60000	93.000	36.36	.8093	.1050-01	-.2210-01	-8.880	.2500-02
5	2.0000	.75600	94.000	29.42	.6547	.8500-02	-.4000-01	-8.898	.4500-02
5	2.0000	.91500	95.000	29.59	.6585	.8500-02	-.3960-01	-8.897	.4500-02
5	3.0000	.00000	96.000	38.40	.8545	.1100-01	-.1690-01	-8.875	.1900-02
5	3.0000	.50000-01	97.000	38.99	.8677	.1120-01	-.1530-01	-8.873	.1700-02
5	3.0000	.30000	98.000	39.33	.8753	.1130-01	-.1450-01	-8.872	.1600-02
5	3.0000	.75600	99.000	27.22	.6057	.7800-02	-.4570-01	-8.903	.5100-02

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
5	1.0000	.00000	86.000	123.8	2.755	.3560-01	.2035	-8.654	-.2350-01
5	1.0000	.25000-01	83.000	136.0	3.027	.3910-01	.2350	-8.623	-.2730-01
5	1.0000	.40000	84.000	130.2	2.897	.3740-01	.2199	-8.638	-.2550-01
5	1.0000	.75600	85.000	33.75	.7510	.9700-02	-.2890-01	-8.887	.3200-02
5	2.0000	.00000	87.000	165.6	3.685	.4760-01	.3113	-8.546	-.3640-01
5	2.0000	.25000-01	88.000	438.6	9.761	.1261	1.016	-7.842	-.1295
5	2.0000	.50000-01	89.000	408.0	9.078	.1173	.9365	-7.921	-.1182
5	2.0000	.10000+00	90.000	188.9	4.204	.5430-01	.3714	-8.486	-.4380-01
5	2.0000	.20000	91.000	101.8	2.265	.2930-01	.1467	-8.711	-.1680-01
5	2.0000	.40000	92.000	57.73	1.285	.1660-01	.3300-01	-8.825	-.3700-02
5	2.0000	.60000	93.000	45.78	1.019	.1320-01	.2200-02	-8.856	-.2000-03
5	2.0000	.75600	94.000	37.31	.8302	.1070-01	-.1970-01	-8.877	.2200-02
5	2.0000	.91500	95.000	36.12	.8038	.1040-01	-.2270-01	-8.880	.2600-02
5	3.0000	.00000	96.000	104.7	2.329	.3010-01	.1541	-8.704	-.1770-01
5	3.0000	.50000-01	97.000	59.00	1.313	.1700-01	.3630-01	-8.821	-.4100-02
5	3.0000	.30000	98.000	63.83	1.420	.1840-01	.4870-01	-8.809	-.5500-02
5	3.0000	.75600	99.000	32.90	.7322	.9500-02	-.3100-01	-8.889	.3500-02

C-7

LEFT OMS POD

IHI1, MODEL 84-OTS, LEFT OMS POD

(RG1003)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
1	1.0000	.00000	86.000	250.3	2.180	.1286	.2708	-3.390	-.7990-01
1	1.0000	.25000-01	83.000	238.3	2.075	.1224	.2468	-3.414	-.7230-01
1	1.0000	.40000	84.000	187.1	1.630	.9610-01	.1445	-3.516	-.4110-01
1	1.0000	.75600	85.000	62.00	.5400	.3190-01	-.1056	-3.766	-.2800-01
1	2.0000	.00000	87.000	150.6	1.312	.740-01	.7160-01	-3.589	-.1990-01
1	2.0000	.25000-01	88.000	213.6	1.860	.1097	.1974	-3.463	-.5700-01
1	2.0000	.50000-01	89.000	238.2	2.075	.1224	.2467	-3.414	-.7220-01
1	2.0000	1.0000*00	90.000	185.0	1.612	.9510-01	.1404	-3.520	-.3990-01
1	2.0000	.20000	91.000	136.5	1.189	.7010-01	.4330-01	-3.618	-.1200-01
1	2.0000	.40000	92.000	72.83	.6344	.3740-01	-.8390-01	-3.745	-.2240-01
1	2.0000	.60000	93.000	51.51	.4486	.2650-01	-.1265	-3.787	.3340-01
1	2.0000	.75600	94.000	53.45	.4656	.2750-01	-.1227	-3.783	.3240-01
1	2.0000	.91500	95.000	53.88	.4693	.2770-01	-.1218	-3.783	.3220-01
1	3.0000	.00000	96.000	96.36	.8393	.4950-01	-.3690-01	-3.698	.1000-01
1	3.0000	.50000-01	97.000	121.7	1.060	.6260-01	.1390-01	-3.647	-.3800-02
1	3.0000	.30000	98.000	117.6	1.024	.6040-01	.5600-02	-3.655	-.1500-02
1	3.0000	.75600	99.000	71.56	.6233	.3680-01	-.8650-01	-3.747	.2310-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

LEFT OMS POD

IH11. MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-1.193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/FO	CP(I)	CP(SI)	CP1/SI
1	1.0000	.00000	86.000	203.9	1.775	.1048	.1780	-3.481	-5110-01
1	1.0000	.25000-01	83.000	183.6	1.598	.9440-01	.1374	-3.522	-3900-01
1	1.0000	.40000	84.000	139.6	1.215	.7180-01	.4950-01	-3.610	-1370-01
1	1.0000	.75600	85.000	57.64	.5019	.2960-01	-.1144	-3.774	.3030-01
1	2.0000	.00000	87.000	127.7	1.112	.6560-01	.2570-01	-3.634	-7100-02
1	2.0000	.25000-01	88.000	202.4	1.763	.1041	.1751	-3.484	-5030-01
1	2.0000	.50000-01	89.000	230.0	2.003	.1183	.2303	-3.429	-6720-01
1	2.0000	1.0000*00	90.000	171.3	1.491	.8800-01	.1128	-3.546	-3180-01
1	2.0000	.20000	91.000	120.4	1.048	.6190-01	.1110-01	-3.648	-3000-02
1	2.0000	.40000	92.000	63.75	.551	.3280-01	-.1021	-3.761	.2720-01
1	2.0000	.60000	93.000	44.47	.3873	.2290-01	-.1407	-3.800	.3700-01
1	2.0000	.75600	94.000	40.40	.3518	.2080-01	-.1488	-3.808	.3910-01
1	2.0000	.91500	95.000	48.55	.4227	.2500-01	-.1325	-3.792	.3500-01
1	3.0000	.00000	96.000	77.68	.6764	.3990-01	-.7430-01	-3.734	.1990-01
1	3.0000	.50000-01	97.000	95.25	.8294	.4900-01	-.3920-01	-3.699	.1060-01
1	3.0000	.30000	98.000	93.39	.8132	.4800-01	-.4290-01	-3.702	.1160-01
1	3.0000	.75600	99.000	66.04	.5751	.3400-01	-.9760-01	-3.757	.2600-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
1	1.0000	.00000	85.000	242.2	2.108	.1245	.2544	-3.405	-.7470 01
1	1.0000	.25000-01	83.000	146.8	1.278	.7550-01	.6390-01	-3.596	-.1780-01
1	1.0000	.40000	84.000	116.8	1.017	.6000-01	.3900-02	-3.656	-.1100-02
1	1.0000	.75600	85.000	61.14	.5322	.3140-01	-.1074	-3.767	.2850-01
1	2.0000	.00000	87.000	136.3	1.186	.0000-01	.4270-01	-3.617	-.1180-01
1	2.0000	.25000-01	88.000	228.4	1.988	.1174	.2269	-3.433	-.6610-01
1	2.0000	.50000-01	89.000	260.1	2.264	.1337	.2903	-3.369	-.8620-01
1	2.0000	.10000+00	90.000	188.2	1.638	.9670-01	.1465	-3.513	-.4170-01
1	2.0000	.20000	91.000	134.6	1.172	.6820-01	.3950-01	-3.620	-.1090-01
1	2.0000	.40000	92.000	75.69	.6589	.3890-01	-.7830-01	-3.738	.2100-01
1	2.0000	.60000	93.000	56.57	.4924	.2910-01	-.1165	-3.776	.3090-01
1	2.0000	.75600	94.000	45.57	.3967	.2340-01	-.1385	-3.798	.3650-01
1	2.0000	.91500	95.000	49.89	.4343	.2560-01	-.1299	-3.789	.3430-01
1	3.0000	.00000	96.000	81.19	.7068	.4170-01	-.6730-01	-3.727	.1810-01
1	3.0000	.50000-01	97.000	77.21	.6721	.3970-01	-.7530-01	-3.735	.2020-01
1	3.0000	.30000	98.000	97.77	.8511	.5020-01	-.3420-01	-3.694	.9300-02
1	3.0000	.75600	99.000	67.74	.5897	.3480-01	-.9420-01	-3.754	.2510-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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LEFT OMS POD

IH11. MODEL 84-OTS. LEFT OMS POD

(RG1003)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
7	1.0000	.00000	86.000	156.8	2.314	.6400-01	.2100	-5.412	-.3880-01
7	1.0000	.25000-01	83.000	167.6	2.475	.6840-01	.2356	-5.387	-.4370-01
7	1.0000	.40000	84.000	120.4	1.778	.4910-01	.1243	-5.498	-.2260-01
7	1.0000	.75600	85.000	32.99	.4870	.1350-01	-.8200-01	-5.704	.1440-01
7	2.0000	.00000	87.000	93.43	1.379	.3810-01	.6060-01	-5.562	-.1090-01
7	2.0000	.25000-01	88.000	133.8	1.976	.5460-01	.1559	-5.466	-.2850-01
7	2.0000	.50000-01	89.000	138.9	2.050	.5660-01	.1677	-5.455	-.3080-01
7	2.0000	.10000+00	90.000	98.70	1.457	.4030-01	.7300-01	-5.549	-.1320-01
7	2.0000	.20000	91.000	71.53	1.056	.2920-01	.8900-02	-5.613	-.1600-02
7	2.0000	.40000	92.000	36.56	.5397	.1490-01	-.7360-01	-5.696	.1290-01
7	2.0000	.60000	93.000	27.90	.4119	.1140-01	-.9400-01	-5.716	.1640-01
7	2.0000	.75600	94.000	29.43	.4344	.1200-01	-.9040-01	-5.713	.1580-01
7	2.0000	.91500	95.000	31.21	.4607	.1270-01	-.8620-01	-5.709	.1510-01
7	3.0000	.00000	96.000	71.79	1.060	.2930-01	.9500-02	-5.613	-.1700-02
7	3.0000	.50000-01	97.000	82.48	1.218	.3360-01	.3480-01	-5.588	-.6200-02
7	3.0000	.30000	98.000	67.80	1.001	.2770-01	.1000-03	-5.622	.0000
7	3.0000	.75600	99.000	38.76	.5723	.1580-01	-.6840-01	-5.691	.1200-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PSFA	PO	P	Q	TO DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2	237.1	

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
7	1.0000	.00000	86.000	132.6	1.956	.5410-01	.1528	-5.469	-.2790-01
7	1.0000	.25000-01	83.000	121.8	1.796	.4960-01	1272	-5.494	-.2320-01
7	1.0000	.40000	84.000	92.90	1.370	.3790-01	.5920-01	-5.563	-.1060-01
7	1.0000	.75600	85.000	32.09	4733	.1310-01	-.8420-01	5.706	.1480-01
7	2.0000	.00000	87.000	81.89	1.208	.3340-01	.3320-01	-5.589	-.5900-02
7	2.0000	.25000-01	88.000	116.3	1.715	.4740-01	.1143	-5.507	-.2070-01
7	2.0000	.50000-01	89.000	108.6	1.601	.4430-01	.9610-01	-5.526	-.1740-01
7	2.0000	.10000*00	90.000	72.66	1.072	.2960-01	.1150-01	-5.610	-.2000-02
7	2.0000	.20000	91.000	51.14	.7544	.2090-01	-.3930-01	-5.661	.6900-02
7	2.0000	.40000	92.000	26.25	.3871	.1070-01	-.9790-01	-5.720	.1710-01
7	2.0000	.60000	93.000	19.64	.2897	.8000-02	-.1135	-5.735	.1980-01
7	2.0000	.75600	94.000	20.23	.2984	.8200-02	-.1121	-5.734	.1960-01
7	2.0000	.91500	95.000	27.52	.4059	.1120-01	-.9490-01	-5.717	.1660-01
7	3.0000	.00000	96.000	66.56	.9817	.2710-01	-.2900-02	-5.625	.5000-03
7	3.0000	.50000-01	97.000	60.46	.8918	.2460-01	-.1730-01	-5.639	.3100-02
7	3.0000	.30000	98.000	49.28	.7269	.2010-01	-.4360-01	-5.665	.7700-02
7	3.0000	.75300	99.000	35.99	.5308	.1470-01	-.7500-01	-5.697	.1320-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
7	1.0000	.00000	86.000	169.3	2.496	.6900-01	.2392	-5.381	-.4450-01
7	1.0000	.25000-01	83.000	93.99	1.386	.3830-01	.6170-01	-5.558	-.1110-01
7	1.0000	.40000	84.000	79.17	1.168	.3230-01	.2680-01	-5.593	-.4800-02
7	1.0000	.75600	85.000	31.23	.4606	.1270-01	-.8620-01	-5.706	.1510-01
7	2.0000	.00000	87.000	67.23	.9914	-.2740-01	-.1400-02	-5.621	.2000-03
7	2.0000	.25000-01	88.000	93.06	1.372	.3800-01	.5950-01	-5.560	-.1070-01
7	2.0000	.50000-01	89.000	92.63	1.366	.3780-01	.5850-01	-5.561	-.1050-01
7	2.0000	.10000+00	90.000	73.58	1.085	.3000-01	.1360-01	-5.606	-.2400-02
7	2.0000	.20000	91.000	66.89	.9864	.2730-01	-.2200-02	-5.622	.4000-03
7	2.0000	.40000	92.000	35.38	.5218	.1440-01	-.7640-01	-5.696	.1340-01
7	2.0000	.60000	93.000	24.54	.3620	.1000-01	-.1020	-5.722	.1780-01
7	2.0000	.75600	94.000	22.85	.3370	.9300-02	.1060	-5.726	.1850-01
7	2.0000	.91500	95.000	29.03	.4282	.1180-01	-.9140-01	-5.711	.1600-01
7	3.0000	.00000	96.000	53.34	.7866	.2180-01	-.3410-01	-5.654	.6000-02
7	3.0000	.50000-01	97.000	42.07	.6205	.1720-01	-.6070-01	-5.680	.1070-01
7	3.0000	.30000	98.000	41.82	.6167	.1710-01	-.6130-01	-5.681	.1080-01
7	3.0000	.75600	99.000	33.78	.4981	.1380-01	-.8020-01	-5.700	.1410-01

LEFT OMS POD

IH11, MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RV/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
7	1.0000	.00000	86.000	170.1	2.508	.6940-01	.2410	-5.379	-.4480-01
7	1.0000	.25000-01	83.000	93.92	1.385	.3830-01	.6150-01	-5.558	-.1110-01
7	1.0000	.40000	84.000	78.77	1.161	.3210-01	.2580-01	-5.594	-.4600-02
7	1.0000	.75600	85.000	30.44	.4488	.1240-01	-.8810-01	-5.708	.1540-01
7	2.0000	.00000	87.000	66.84	.9854	.6730-01	-.2300-02	-5.622	.4000-03
7	2.0000	.25000-01	88.000	92.99	1.371	.3790-01	.5930-01	-5.560	-.1070-01
7	2.0000	.50000-01	89.000	91.30	1.346	.3720-01	.5530-01	-5.564	-.9900-02
7	2.0000	.10000+00	90.000	73.35	1.081	.2990-01	.1300-01	-5.607	-.2300-02
7	2.0000	.20000	91.000	67.17	.9904	.2740-01	-.1500-02	-5.621	.3000-03
7	2.0000	.40000	92.000	35.43	.5224	.1440-01	-.7630-01	-5.696	.1340-01
7	2.0000	.60000	93.000	24.68	.3639	.1010-01	-.1017	-5.721	.1780-01
7	2.0000	.75600	94.000	22.91	.3377	.9300-02	-.1059	-5.726	.1850-01
7	2.0000	.91500	95.000	29.00	.4275	.1180-01	-.9150-01	-5.711	.1600-01
7	3.0000	.00000	96.000	53.04	.7819	.2160-01	-.3490-01	-5.655	.6200-02
7	3.0000	.50000-01	97.000	41.95	.6185	.1710-01	-.6100-01	-5.681	.1070-01
7	3.0000	.30000	98.000	43.64	.6434	.1780-01	-.5700-01	-5.677	.1000-01
7	3.0000	.75600	99.000	34.08	.5024	.1390-01	-.7950-01	-5.699	.1400-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
4	1.0000	.00000	86.000	110.4	2.457	.3170-01	.1689	-8.691	-.1940-01
4	1.0000	.25000-01	83.000	129.6	2.886	.3730-01	.2186	-8.641	-.2530-01
4	1.0000	.40000	84.000	91.75	2.043	.2640-01	.1209	-8.739	-.1380-01
4	1.0000	.75600	85.000	26.91	.5993	.7700-02	-.4650-01	-8.906	.5200-02
4	2.0000	.00000	87.000	73.83	1.644	.2120-01	.7460-01	-8.785	-.8500-02
4	2.0000	.25000-01	98.000	99.19	2.208	.2850-01	.1401	-8.719	-.1610-01
4	2.0000	.50000-01	89.000	96.06	2.139	.2760-01	.1320	-8.727	-.1510-01
4	2.0000	.10000+00	90.000	68.93	1.535	.1980-01	.6200-01	-8.798	-.7000-02
4	2.0000	.20000	91.000	54.81	1.220	.1580-01	.2550-01	-8.834	-.2900-02
4	2.0000	.40000	92.000	31.73	.7065	.9100-02	-.3400-01	8.833	.3800-02
4	2.0000	.60000	93.000	25.98	.5785	.7500-02	-.4890-01	-8.908	.5500-02
4	2.0000	.75600	94.000	23.87	.5315	.6900-02	-.5430-01	-8.914	.6100-02
4	3.0000	.91500	95.000	24.21	.5390	.7000-02	-.5340-01	-8.913	.6000-02
4	3.0000	.00000	96.000	72.14	1.606	.2070-01	.7030-01	-8.789	-.8000-02
4	3.0000	.50000-01	97.000	74.42	1.657	.2140-01	.7620-01	-8.783	-.8700-02
4	3.0000	.30000	98.000	55.40	1.234	.1590-01	.2710-01	-8.832	-.3100-02
4	3.0000	.75600	99.000	29.79	.6632	.8600-02	-.3900-01	-8.898	.4400-02

IH11, MODEL 84-QTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-0.1970-02	1.808	3479.	44.94	337.7	213.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
4	1.0000	.00000	86.000	86.79	1.931	.2490-01	.1080	-8.750	-.1230-01
4	1.0000	.25000-01	83.000	83.83	1.865	.2410-01	.1003	-8.758	-.1150-01
4	1.0000	.40000	84.000	66.90	1.489	.1920-01	.5670-01	-8.801	-.6400-02
4	1.0000	.75600	85.000	23.57	.5245	.6800-02	-.5510-01	-8.913	.6200-02
4	2.0000	.00000	87.000	63.85	1.421	.1840-01	.4880-01	-8.809	-.5500-02
4	2.0000	.25000-01	88.000	74.52	1.658	.2140-01	.7630-01	-8.782	-.8700-02
4	2.0000	.50000-01	89.000	70.88	1.577	.2040-01	.6690-01	-8.791	-.7600-02
4	2.0000	.10000+00	90.000	52.77	1.174	.1520-01	.2020-01	-8.838	-.2300-02
4	2.0000	.20000	91.000	39.65	.8823	.1140-01	-.1360-01	-8.872	.1500-02
4	2.0000	.40000	92.000	23.57	.5245	.6800-02	-.5510-01	-8.913	.6200-02
4	2.0000	.60000	93.000	19.08	.4247	.5500-02	.6670-01	-8.925	.7500-02
4	2.0000	.75600	94.000	18.58	.4134	.5300-02	.6800-01	-8.926	.7600-02
4	2.0000	.91500	95.000	22.89	.5094	.6600-02	-.5690-01	-8.915	.6400-02
4	3.0000	.00000	96.000	59.88	1.332	.1720-01	.3850-01	-8.820	-.4400-02
4	3.0000	.50000-01	97.000	50.40	1.122	.1450-01	.1410-01	-8.844	-.1600-02
4	3.0000	.30000	98.000	38.30	.8522	.1100-01	-.1710-01	-8.875	.1900-02
4	3.0000	.75600	99.000	25.69	.5716	.7400-02	-.4970-01	-8.908	.5600-02

IH11, MODEL 84-OTS, LEFT OMS POD

(RG1003)

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP(SI)
4	1.0000	.00000	86.000	108.0	2.404	.3110-01	.1627	-8.695	-.1870-01
4	1.0000	.25000-01	83.000	58.74	1.307	.1690-01	.3560-01	-8.822	-.4000-02
4	1.0000	.40000	84.000	55.02	1.225	.1580-01	.2600-01	-8.832	-.2900-02
4	1.0000	.75600	85.000	20.66	.4597	.5900-02	-.6260-01	-8.921	.7000-02
4	2.0000	.00000	87.000	63.99	1.424	.1840-01	.4920-01	-8.809	-.5600-02
4	2.0000	.25000-01	88.000	105.5	2.347	.3030-01	.1562	-8.702	-.1790-01
4	2.0000	.50000-01	89.000	118.4	2.635	.3400-01	.1896	-8.668	-.2190-01
4	2.0000	.10000+00	90.000	77.62	1.728	.2230-01	.8430-01	-8.774	-.9600-02
4	2.0000	.20000	91.000	51.89	1.155	.1490-01	.1790-01	-8.840	-.2000-02
4	2.0000	.40000	92.000	26.92	.5991	.7700-02	-.4650-01	-8.904	.5200-02
4	2.0000	.60000	93.000	19.05	.4239	.5500-02	-.6680-01	-8.925	.7500-02
4	2.0000	.75600	94.000	17.02	.3787	.4900-02	-.7200-01	-8.930	.8100-02
4	2.0000	.91500	95.000	21.16	.4710	.6100-02	-.6130-01	-8.919	.6900-02
4	3.0000	.00000	96.000	31.83	.7084	.9200-02	-.3380-01	-8.892	.3800-02
4	3.0000	.50000-01	97.000	29.37	.6538	.8400-02	-.4010-01	-8.898	.4500-02
4	3.0000	.30000	98.000	21.76	.6538	.8400-02	-.4010-01	-8.898	.4500-02
4	3.0000	.75600	99.000	21.76	.4842	.6300-02	-.5980-01	-8.918	.6700-02

LEFT OMS POD

IH11, MODEL 84-OTS, LEFT OMS POD

(RG1004)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
10	1.0000	.00000	86.000	143.8	1.250	.7380-01	.5740-01	-3.602	-.1590-01
10	1.0000	.25000-01	83.000	144.8	1.259	.7430-01	.5940-01	-3.600	-.1650-01
10	1.0000	.40000	84.000	170.6	1.483	.8760-01	.1109	-3.549	-.3130-01
10	1.0000	.75600	85.000	63.27	.500	.3250-01	-.1033	-3.763	-.2750-01
10	2.0000	.00000	87.000	184.8	1.606	.5480-01	.1392	-3.520	-.3950-01
10	2.0000	.25000-01	88.000	418.9	3.641	.2149	.6064	-3.053	-.1986
10	2.0000	.50000-01	89.000	436.8	3.797	.2242	.6422	-3.017	-.2128
10	2.0000	1.0000+00	90.000	269.6	2.344	.1383	.3085	-3.351	-.9210-01
10	2.0000	.20000	91.000	202.3	1.758	.1038	.1741	-3.486	-.5000-01
10	2.0000	.40000	92.000	120.2	1.045	.6170-01	.1020-01	-3.649	-.2800-02
10	2.0000	.60000	93.000	96.54	.8392	.4950-01	-.3690-01	-3.697	.1000-01
10	2.0000	.75600	94.000	84.69	.7362	.4350-01	-.6060-01	-3.720	.1630-01
10	2.0000	.91500	95.000	79.86	.6943	.4100-01	-.7020-01	-3.730	.1880-01
10	3.0000	.00000	96.000	257.2	2.236	.1320	.2836	-3.376	-.8400-01
10	3.0000	.50000-01	97.000	168.4	1.464	.8640-01	.1066	-3.553	-.3000-01
10	3.0000	.30000	98.000	158.4	1.377	.8130-01	.8660-01	-3.573	-.2420-01
10	3.0000	.75600	99.000	65.13	.5662	.3340-01	-.9960-01	-3.759	-.2650-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
10	1.0000	.00000	86.000	197.9	1.720	.1015	.1652	-3.495	-.4730-01
10	1.0000	.25000-01	83.000	187.9	1.633	.9640-01	.1453	-3.515	-.4130-01
10	1.0000	.40000	84.000	220.0	1.912	.1128	.2093	-3.451	-.6070-01
10	1.0000	.75600	85.000	71.76	.6236	.3680-01	-.8640-01	-3.746	-.2310-01
10	2.0000	.00000	87.000	207.4	1.802	.1064	.1842	-3.476	-.5300-01
10	2.0000	.25000-01	88.000	378.9	3.293	.1944	.5264	-3.134	-.1680
10	2.0000	.50000-01	89.000	456.5	3.967	.2342	.6812	-2.979	-.2287
10	2.0000	.10000*00	90.000	313.3	2.722	.1607	.3954	-3.264	-.1211
10	2.0000	.20000	91.000	228.6	1.987	.1173	.2266	-3.433	-.6600-01
10	2.0000	.40000	92.000	138.6	1.204	.7110-01	.4690-01	-3.613	-.1300-01
10	2.0000	.60000	93.000	112.7	.9792	.5780-01	-.4800-02	-3.665	-.1300-02
10	2.0000	.75600	94.000	98.69	.8577	.5060-01	-.3270-01	-3.692	.8800-02
10	2.0000	.91500	95.000	91.33	.7936	.4680-01	-.4740-01	-3.707	.1280-01
10	3.0000	.00000	96.000	202.7	1.762	.1040	.1749	-3.485	-.5020-01
10	3.0000	.50000-01	97.000	168.4	1.163	.8640-01	.1064	-3.553	-.2990-01
10	3.0000	.30000	98.000	169.4	1.472	.8690-01	.1084	-3.551	-.3050-01
10	3.0000	.75600	99.000	67.69	.5883	.3470-01	-.9450-01	-3.754	.2520-01

LEFT OMS POD

IH11, MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	X10 6 2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
10	1.0000	.00000	86.000	263.4	2.290	.1352	.2962	-3.364	-.8810-01
10	1.0000	.25000-01	83.000	243.5	2.117	.1250	.2565	-3.403	-.7540-01
10	1.0000	.40000	84.000	283.2	2.462	.1453	.3357	-3.324	-.1010
10	1.0000	.75600	85.000	83.41	.7253	.4280-01	-.6310-01	-3.723	.1690-01
10	2.0000	.00000	87.000	265.3	2.307	.1362	.3001	-3.360	-.8930-01
10	2.0000	.25000-01	88.000	466.6	4.057	.2395	.7019	-2.958	-.2373
10	2.0000	.50000-01	89.000	529.8	4.607	.2719	.8279	-2.832	-.2924
10	2.0000	.10000*00	90.000	354.3	3.081	.1818	.4777	-3.182	-.1501
10	2.0000	.20000	91.000	259.8	2.259	.1334	.2891	-3.371	-.8580-01
10	2.0000	.40000	92.000	160.6	1.397	.8240-01	.9100-01	-3.569	-.2550-01
10	2.0000	.60000	93.000	132.8	1.154	.6810-01	.3540-01	-3.624	-.9800-02
10	2.0000	.75600	94.000	112.7	.9799	.5780-01	-.4600-02	-3.664	.1300-02
10	2.0000	.91500	95.000	103.8	.9026	.5330-01	-.2230-01	-3.682	.6100-02
10	3.0000	.00000	96.000	229.3	1.993	.1177	.2281	-3.432	-.6650-01
10	3.0000	.50000-01	97.000	191.0	1.661	.9800-01	.1517	-3.508	-.4320-01
10	3.0000	.30000	98.000	198.0	1.722	.1016	.1657	-3.494	-.4740-01
10	3.0000	.75600	99.000	79.09	.6877	.4060-01	-.7170-01	-3.731	.1920-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-OTS. LEFT OMS POD

(RG1005)

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CPI/SI
11	1.0000	.00000	86.000	299.4	2.603	.1537	.3681	-3.292	-.1118
11	1.0000	.25000-01	83.000	277.4	2.412	.1424	.3241	-3.336	-.9720-01
11	1.0000	.40000	84.000	252.0	2.191	.1293	.2734	-3.386	-.8070-01
11	1.0000	.75600	85.000	63.58	.5528	.3260-01	-.1027	-3.762	.2730-01
11	2.0000	.00000	87.000	213.7	1.858	.1097	.1970	-3.463	-.5690-01
11	2.0000	.25000-01	88.000	256.8	2.233	.1318	.2830	-3.377	-.8380-01
11	2.0000	.50000-01	89.000	291.0	2.530	.1494	.3513	-3.308	-.1062
11	2.0000	.10000+00	90.000	245.0	2.130	.1258	.2595	-3.400	-.7630-01
11	2.0000	.20000	91.000	196.2	1.705	.1007	.1621	-3.498	-.4640-01
11	2.0000	.40000	92.000	122.2	1.062	.6270-01	.1430-01	-3.645	-.3900-02
11	2.0000	.60000	93.000	98.06	.8526	.5030-01	-.3380-01	-3.694	.9200-02
11	2.0000	.75600	94.000	85.78	.7458	.4400-01	-.5840-01	-3.718	.1570-01
11	2.0000	.91500	95.000	81.54	.7090	.4190-01	-.6680-01	-3.727	.1790-01
11	3.0000	.00000	96.000	178.9	1.555	.9180-01	.1275	-3.532	-.3610-01
11	3.0000	.50000-01	97.000	148.5	1.292	.7620-01	.6690-01	-3.593	-.1860-01
11	3.0000	.30000	98.000	152.5	1.326	.7830-01	.7490-01	-3.585	-.2090-01
11	3.0000	.75600	99.000	74.76	.6501	.3840-01	-.8030-01	-3.740	.2150-01

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500.8	287.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
11	1.0000	.00000	86.000	219.0	1.905	.1125	.2079	-3.452	-.6020-01
11	1.0000	.25000-01	83.000	234.8	2.042	.1205	.2393	-3.421	-.7000-01
11	1.0000	.40000	84.000	208.0	1.810	.1068	.1859	-3.474	-.5350-01
11	1.0000	.75600	85.000	64.688	.5626	.7320-01	-.1004	-3.760	-.2670-01
11	2.0000	.00000	87.000	159.2	1.385	.8170-01	.8840-01	-3.571	-.2470-01
11	2.0000	.25000-01	88.000	222.1	1.932	.1140	.2139	-3.446	-.6210-01
11	2.0000	.50000-01	89.000	257.3	2.238	.1321	.2842	-3.375	-.8420-01
11	2.0000	.10000+00	90.000	222.3	1.933	.1141	.2143	-3.445	-.6220-01
11	2.0000	.20000	91.000	180.2	1.567	.9250-01	.1303	-3.530	-.3690-01
11	2.0000	.40000	92.000	109.3	.9506	.5610-01	-.1130-01	-3.671	-.3100-02
11	2.0000	.60000	93.000	85.41	.7430	.4390-01	-.5900-01	-3.719	.1590-01
11	2.0000	.75600	94.000	72.72	.6325	.3730-01	-.8440-01	-3.744	.2250-01
11	3.0000	.91500	95.000	69.08	.6009	.3550-01	-.9160-01	-3.751	-.2440-01
11	3.0000	.00000	96.000	121.6	1.057	.6240-01	.1320-01	-3.647	-.3600-02
11	3.0000	.50000-01	97.000	107.2	.9329	.5510-01	-.1540-01	-3.675	-.4200-02
11	3.0000	.30000	98.000	120.2	1.045	.6170-01	.1050-01	-3.649	-.2900-02
11	3.0000	.75600	99.000	72.80	.6333	.3740-01	-.8420-01	-3.744	-.2250-01

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DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1005)

LEFT OMS POD

IH11. MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
11	1.0000	.00000	86.000	200.4	1.743	.1029	.1704	-3.489	-.4880-01
11	1.0000	.25000-01	83.000	205.4	1.786	.1054	.1804	-3.479	-.5190-01
11	1.0000	.40000	84.000	182.5	1.586	.9360-01	.1346	-3.525	-.3820-01
11	1.0000	.75600	85.000	65.65	.5707	.7370-01	-.9860-01	-3.758	-.2620-01
11	2.0000	.00000	87.000	133.3	1.159	.6840-01	.3550-01	-3.623	-.1010-01
11	2.0000	.25000-01	88.000	144.3	1.254	.7400-01	.5830-01	-3.601	-.1620-01
11	2.0000	.50000-01	89.000	163.5	1.421	.8390-01	.9670-01	-3.563	-.2710-01
11	2.0000	.10000+00	90.000	174.0	1.513	.8930-01	.1177	-3.542	-.3320-01
11	2.0000	.20000	91.000	161.0	1.400	.8260-01	.9180-01	-3.568	-.2570-01
11	2.0000	.40000	92.000	102.6	.8918	.5260-01	-.2480-01	-3.685	-.6700-02
11	2.0000	.60000	93.000	80.81	.7025	.4150-01	-.6830-01	-3.728	-.1830-01
11	2.0000	.75600	94.000	68.44	.5950	.3510-01	-.9300-01	-3.753	-.2480-01
11	2.0000	.91500	95.000	64.21	.5582	.3290-01	-.1014	-3.761	-.2700-01
11	3.0000	.00000	96.000	117.5	1.021	.6030-01	.4900-02	-3.655	-.1300-02
11	3.0000	.50000-01	97.000	104.7	.9102	.5370-01	-.2060-01	-3.680	-.5600-02
11	3.0000	.30000	98.000	107.7	.9360	.5520-01	-.1470-01	-3.674	-.4000-02
11	3.0000	.75600	99.000	70.48	.6127	.3620-01	-.9890-01	-3.749	-.2370-01

LEFT OMS POD

IH11. MODEL 84-OTS, LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CPI/SI
12	1.0000	.00000	86.000	227.8	1.981	.1169	.2252	-3.435	-.6560-01
12	1.0000	.25000-01	83.000	147.8	1.286	.7590-01	.6550-01	-3.594	-.1820-01
12	1.0000	.40000	84.000	117.8	1.024	.6050-01	.5500-02	-3.654	-.1500-02
12	1.0000	.75600	85.000	60.46	.5258	.3100-01	-.1089	-3.769	-.2890-01
12	2.0000	.00000	87.000	131.7	1.146	.6760-01	.3340-01	-3.626	-.9200-02
12	2.0000	.25000-01	88.000	218.5	1.900	.1122	.2067	-3.453	-.5980-01
12	2.0000	.50000-01	89.000	253.5	2.204	.1301	.2765	-3.383	-.8170-01
12	2.0000	.10000+00	90.000	185.0	1.609	.9500-01	.1397	-3.520	-.3970-01
12	2.0000	.20000	91.000	133.4	1.160	.6850-01	.3680-01	-3.623	-.1020-01
12	2.0000	.40000	92.000	74.77	.6502	.3840-01	-.8030-01	-3.740	-.2150-01
12	2.0000	.60000	93.000	55.64	.4838	.2840-01	-.1185	-3.778	.3140-01
12	2.0000	.75600	94.000	44.72	.3888	.2300-01	-.1403	-3.800	.3690-01
12	2.0000	.91500	95.000	49.12	.4271	.2520-01	-.1315	-3.791	.3470-01
12	3.0000	.00000	96.000	81.12	.7054	.4160-01	-.6760-01	-3.727	.1810-01
12	3.0000	.50000-01	97.000	76.64	.6664	.3930-01	-.7660-01	-3.736	.2050-01
12	3.0000	.30000	98.000	95.68	.8320	.4910-01	-.3860-01	-3.698	.1040-01
12	3.0000	.75600	99.000	66.73	.5802	.3420-01	-.9640-01	-3.756	.2570-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
12	1.0000	.00000	86.000	208.4	1.813	.1070	.1867	-3.473	-5380-01
12	1.0000	.25000-01	83.000	187.7	1.633	.9640-01	.1453	-3.514	-4130-01
12	1.0000	.40000	84.000	143.1	1.245	.7350-01	.5630-01	-3.603	-1560-01
12	1.0000	.75600	85.000	59.45	.5172	.7050-01	-.1108	-3.771	2940-01
12	2.0000	.00000	87.000	129.0	1.122	.6620-01	.2810-01	-3.632	-7700-02
12	2.0000	.25000-01	88.000	203.0	1.766	.1043	.1759	-3.484	-5050-01
12	2.0000	.50000-01	89.000	233.1	2.028	.1197	.2360	-3.424	-6890-01
12	2.0000	.10000+00	90.000	173.3	1.508	.8900-01	.1165	-3.543	-3290-01
12	2.0000	.20000	91.000	123.3	1.073	.6330-01	.1670-01	-3.643	-4600-02
12	2.0000	.40000	92.000	66.31	.5769	.3410-01	-.9710-01	-3.757	2590-01
12	2.0000	.60000	93.000	46.32	.4030	.2380-01	-.1371	-3.797	3610-01
12	2.0000	.75600	94.000	42.60	.3706	.2190-01	-.1445	-3.804	3800-01
12	2.0000	.91500	95.000	50.14	.4362	.2570-01	-.1294	-3.789	3420-01
12	3.0000	.00000	96.000	79.53	.6919	.4080-01	-.7070-01	-3.730	1900-01
12	3.0000	.50000-01	97.000	97.65	.8496	.5020-01	-.3450-01	-3.694	9300-02
12	3.0000	.30000	98.000	95.79	.8334	.4920-01	-.3830-01	-3.698	1030-01
12	3.0000	.75600	99.000	67.75	.5895	.3480-01	-.9430-01	-3.754	2510-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CP1/SI
12	1.0000	86.000	249.4	2.170	.1281	.2686	-3.391	-.7920-01
12	1.0000	83.000	237.5	2.067	.1220	.2449	-3.415	-.7170-01
12	1.0000	84.000	187.5	1.631	.9630-01	.1449	-3.515	-.4120-01
12	1.0000	85.000	63.04	.5484	.3240-01	-.1037	-3.763	-.2750-01
12	2.0000	87.000	151.0	1.314	-.760-01	.7200-01	-3.588	-.2010-01
12	2.0000	88.000	213.6	1.858	.1097	.1970	-3.463	-.5690-01
12	2.0000	89.000	240.4	2.091	.1234	.2505	-3.409	-.7350-01
12	2.0000	90.000	186.4	1.622	.9570-01	.1427	-3.517	-.4060-01
12	2.0000	91.000	138.8	1.208	.7130-01	.4770-01	-3.612	-.1320-01
12	2.0000	92.000	73.96	.6434	.3800-01	-.8190-01	-3.741	-.2190-01
12	2.0000	93.000	51.86	.4512	.2660-01	-.1260	-3.786	-.3330-01
12	2.0000	94.000	53.30	.4637	.2740-01	-.1231	-3.783	-.3250-01
12	2.0000	95.000	54.57	.4747	.2800-01	-.1206	-3.780	-.3190-01
12	3.0000	96.000	96.91	.8431	.4980-01	-.3600-01	-3.696	-.9700-02
12	3.0000	97.000	121.1	1.054	.6220-01	-.1230-01	-3.647	-.3400-02
12	3.0000	98.000	117.4	1.021	.6030-01	.4900-02	-3.655	-.1300-02
12	3.0000	99.000	72.26	.6287	.3710-01	-.8520-01	-3.745	-.2280-01

TEST DATA

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1007)

IH11, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
21	1.0000	.00000	86.000	286.8	2.494	.1472	.3430	-3.317	-.1034
21	1.0000	.25000-01	83.000	247.9	2.156	.1273	.2654	-3.394	-.7820-01
21	1.0000	.40000	84.000	289.7	2.519	.1487	.3487	-3.311	-.1053
21	1.0000	.75600	85.000	82.96	.7214	.4260-01	-.6400-01	-3.723	.1720-01
21	2.0000	.00000	87.000	264.2	2.297	.1356	.2978	-3.362	-.8860-01
21	2.0000	.25000-01	88.000	462.2	4.019	.2373	.6931	-2.966	-.2337
21	2.0000	.50000-01	89.000	520.2	4.523	.2670	.8089	-2.851	-.2837
21	2.0000	.10000+00	90.000	349.9	3.042	.1796	.4689	-3.191	-.1469
21	2.0000	.20000	91.000	256.1	2.227	.1314	.2816	-3.378	-.8340-01
21	2.0000	.40000	92.000	166.0	1.443	.8520-01	.1018	-3.558	-.2860-01
21	2.0000	.60000	93.000	137.0	1.191	.7030-01	.4390-01	-3.616	-.1210-01
21	2.0000	.75600	94.000	116.7	1.015	.5990-01	.3500-02	-3.656	-.9000-03
21	2.0000	.91500	95.000	107.7	.9363	.5530-01	-.1460-01	-3.674	.4000-02
21	3.0000	.00000	96.000	230.7	2.006	.1184	.2309	-3.429	-.6740-01
21	3.0000	.50000-01	97.000	192.3	1.672	.9870-01	.1544	-3.505	-.4400-01
21	3.0000	.30000	98.000	204.1	1.775	.1048	.1779	-3.482	-.5110-01
21	3.0000	.75600	99.000	84.15	.7317	.4320-01	-.6160-01	-3.721	.1660-01

IHI1, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
21	1.0000	.00000	86.000	209.4	1.821	.1075	.1884	-3.471	-.5430-01
21	1.0000	.25000-01	83.000	190.5	1.657	.9780-01	.1508	-3.509	-.4300-01
21	1.0000	.40000	84.000	236.5	2.057	.1214	.2427	-3.417	-.7100-01
21	1.0000	.75600	85.000	76.27	.6632	.3920-01	-.7730-01	-3.737	-.2070-01
21	2.0000	.00000	87.000	220.8	1.920	.1133	.2112	-3.448	-.6120-01
21	2.0000	.25000-01	88.000	446.7	3.884	.2293	.6622	-2.997	-.2209
21	2.0000	.50000-01	89.000	493.5	4.292	.2534	.7557	-2.904	-.2603
21	2.0000	.10000+00	90.000	316.8	2.755	.1626	.4029	-3.257	-.1237
21	2.0000	.20000	91.000	231.6	2.014	.1189	.2329	-3.427	-.6800-01
21	2.0000	.40000	92.000	143.0	1.243	.7340-01	.5590-01	-3.604	-.1550-01
21	2.0000	.60000	93.000	118.7	1.032	.6090-01	.7300-02	-3.652	-.2000-02
21	2.0000	.75600	94.000	101.7	.8842	.5220-01	-.2660-01	-3.686	.7200-02
21	2.0000	.91500	95.000	94.68	.8233	.4860-01	-.4060-01	-3.700	.1100-01
21	3.0000	.00000	96.000	210.6	1.832	1.081	.1909	-3.469	-.5500-01
21	3.0000	.50000-01	97.000	168.0	1.461	.8620-01	.1058	-3.554	-.2980-01
21	3.0000	.30000	98.000	175.7	1.528	.9020-01	.1213	-3.538	-.3430-01
21	3.0000	.75600	99.000	76.10	.6617	.3910-01	-.7770-01	-3.737	-.2080-01

IHI1, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
21	1.0000	.00000	86.000	136.6	1.187	.7010-01	.4300-01	-3.617	-.1190-01
21	1.0000	.25000-01	83.000	140.0	1.217	.7180-01	.4970-01	-3.610	-.1380-01
21	1.0000	.40000	84.000	174.9	1.520	.8970-01	.1194	-3.540	-.3370-01
21	1.0000	.75600	85.000	68.02	.5913	.7490-01	-.9380-01	-3.753	.2500-01
21	2.0000	.00000	87.000	207.5	1.804	.1065	.1845	-3.475	-.5310-01
21	2.0000	.25000-01	88.000	485.2	4.218	.2490	.7388	-2.921	-.2529
21	2.0000	.50000-01	89.000	426.9	3.711	.2191	.6224	-3.037	-.2049
21	2.0000	.10000+00	90.000	244.6	2.126	.1255	.2585	-3.401	-.7600-01
21	2.0000	.20000	91.000	188.5	1.639	.9670-01	.1466	-3.513	-.4170-01
21	2.0000	.40000	92.000	115.5	1.004	.5930-01	.9000-03	-3.659	-.2000-03
21	2.0000	.60000	93.000	93.18	.8100	.4780-01	-.4360-01	-3.703	.1180-01
21	2.0000	.75600	94.000	82.00	.7128	.4210-01	-.6590-01	-3.725	.1770-01
21	2.0000	.91500	95.000	76.91	.6686	.3950-01	-.7610-01	-3.735	.2040-01
21	3.0000	.00000	96.000	263.3	2.289	.1351	.2959	-3.364	-.8800-01
21	3.0000	.50000-01	97.000	157.1	1.366	.8060-01	.8400-01	-3.576	-.2350-01
21	3.0000	.30000	98.000	154.9	1.346	.7950-01	.7950-01	-3.580	-.2220-01
21	3.0000	.75600	99.000	69.80	.6067	.3580-01	-.9030-01	-3.750	.2410-01

IH11, MODEL 84-OT, LEFT OMS POD

(RG1007)

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
16	1.0000	86.000	77.11	1.135	.3140-01	.2160-01	-5.596	-.3900-02
16	1.0000	83.000	82.01	1.207	.3340-01	.3310-01	-5.584	-.5900-02
16	1.0000	84.000	104.7	1.542	.4270-01	.8660-01	-5.531	-.1570-01
16	1.0000	85.000	44.00	.6476	.1790-01	-.5630-01	-5.674	.9900-02
16	2.0000	87.000	134.5	1.979	.5480-01	.1566	-5.461	-.2870-01
16	2.0000	88.000	343.3	5.052	.1398	.6480	-4.970	-.1304
16	2.0000	89.000	335.3	4.935	.1366	.6293	-4.988	-.1262
16	2.0000	90.000	183.3	2.698	.7470-01	.2715	-5.346	-.5080-01
16	2.0000	91.000	131.8	1.939	.5370-01	.1502	-5.467	-.2750-01
16	2.0000	92.000	80.91	1.191	.3300-01	.3050-01	-5.587	-.5500-02
16	2.0000	93.000	63.01	.9274	.2570-01	-.1160-01	-5.629	.2100-02
16	2.0000	94.000	53.46	.7869	.2180-01	-.3410-01	-5.652	.6000-02
16	2.0000	95.000	48.98	.7210	.2000-01	-.4460-01	-5.662	.7900-02
16	3.0000	96.000	154.9	2.280	.6310-01	.2047	-5.413	-.3780-01
16	3.0000	97.000	101.4	1.493	.4130-01	.7880-01	-5.539	-.1420-01
16	3.0000	98.000	101.3	1.491	.4130-01	.7840-01	-5.539	-.1420-01
16	3.0000	99.000	41.81	.6153	.1700-01	-.6150-01	-5.679	.1080-01

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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LEFT OMS POD

IH11. MODEL 84-OT. LEFT OMS POD

(RG1007)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEC.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/S1
16	1.0000	.00000	86.000	129.9	1.914	.5300-01	.1462	-5.471	-.2670-01
16	1.0000	.25000-01	83.000	119.1	1.756	.4860-01	.1208	-5.497	-.2200-01
16	1.0000	.40000	84.000	152.1	2.242	.6210-01	.1987	-5.419	-.3670-01
16	1.0000	.75600	85.000	48.39	.7132	.1970-01	-.4590-01	-5.663	.8100-02
16	2.0000	.00000	87.000	145.6	2.146	.5940-01	.1833	-5.434	-.3370-01
16	2.0000	.25000-01	88.000	318.9	4.700	.1301	.5917	-5.026	-.1177
16	2.0000	.50000-01	89.000	366.8	5.406	.1496	.7045	-4.913	-.1434
16	2.0000	.10000+00	90.000	235.1	3.465	.9590-01	.3941	-5.223	-.7550-01
16	2.0000	.20000	91.000	156.1	2.301	.6370-01	.2080	-5.409	-.3850-01
16	2.0000	.40000	92.000	99.80	1.471	.4070-01	.7530-01	-5.542	-.1360-01
16	2.0000	.60000	93.000	80.74	1.190	.3290-01	.3040-01	-5.587	-.5400-02
16	2.0000	.75600	94.000	68.21	1.005	.2780-01	.8000-03	-5.617	-.2000-03
16	2.0000	.91500	95.000	62.45	.9204	.2550-01	-.1270-01	-5.630	-.2300-02
16	3.0000	.00000	96.000	152.8	2.252	.6230-01	.2003	-5.417	-.3700-01
16	3.0000	.50000-01	97.000	109.9	1.619	.4480-01	.9910-01	-5.518	-.1800-01
16	3.0000	.30000	98.000	113.9	1.678	.4640-01	.1084	-5.509	-.1970-01
16	3.0000	.75600	99.000	46.69	.6882	.1900-01	-.4990-01	-5.667	-.8800-02

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST CONDITIONS

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
16	1.0000	.00000	86.000	203.4	2.994	.8290-01	.3188	-5.299	-.6020-01
16	1.0000	.25000-01	83.000	169.1	2.489	.6890-01	.2381	-5.380	-.4430-01
16	1.0000	.40000	84.000	203.5	2.995	.8290-01	.3190	-5.299	-.6020-01
16	1.0000	.75600	85.000	56.84	.8366	.2320-01	-.2610-01	-5.644	.4600-02
16	2.0000	.00000	87.000	181.7	2.675	.7400-01	.2678	-5.350	-.5010-01
16	2.0000	.25000-01	88.000	354.7	5.221	.1445	.6749	-4.943	-.1365
16	2.0000	.50000-01	89.000	418.2	6.156	.1703	.8244	-4.794	-.1720
16	2.0000	.10000+00	90.000	274.9	4.046	.1120	.4870	-5.131	-.9490-01
16	2.0000	.20000	91.000	191.1	2.813	.7790-01	.2899	-5.328	-.5440-01
16	2.0000	.40000	92.000	117.7	1.733	.4790-01	.1172	-5.501	-.2130-01
16	2.0000	.60000	93.000	99.27	1.461	.4040-01	.7370-01	-5.544	-.1330-01
16	2.0000	.75600	94.000	84.79	1.248	.3450-01	.3960-01	-5.578	-.7100-02
16	2.0000	.91500	95.000	76.06	1.119	.3100-01	.1910-01	-5.599	-.3400-02
16	3.0000	.00000	96.000	159.6	2.350	.6500-01	.2198	-5.402	-.3990-01
16	3.0000	.50000-01	97.000	124.0	1.825	.5050-01	.1319	-5.486	-.2400-01
16	3.0000	.30000	98.000	132.9	1.956	.5410-01	.1528	-5.465	-.2800-01
16	3.0000	.75600	99.000	57.18	.8416	.2330-01	-.2530-01	-5.643	.4500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
15	1.0000	.00000	86.000	156.6	3.489	.4500-01	.2885	-8.575	-.3360-01
15	1.0000	.25000-01	83.000	123.6	2.754	.3550-01	.2032	-8.660	-.2350-01
15	1.0000	.40000	84.000	154.7	3.448	.4450-01	.2837	-8.580	-.3310-01
15	1.0000	.75600	85.000	40.58	.9043	.1170-01	-.1110-01	-8.875	.1200-02
15	2.0000	.00000	87.000	137.8	3.071	.3960-01	.2400	-8.624	-.2780-01
15	2.0000	.25000-01	88.000	295.7	6.589	.8500-01	.6477	-8.216	-.7880-01
15	2.0000	.50000-01	89.000	355.6	7.924	.1023	.8024	-8.061	-.9950-01
15	2.0000	.10000+00	90.000	235.7	5.252	.6780-01	.4927	-8.371	-.5690-01
15	2.0000	.20000	91.000	155.0	3.454	.4460-01	.2843	-8.579	-.3310-01
15	2.0000	.40000	92.000	86.62	1.930	.2490-01	.1078	-8.756	-.1230-01
15	2.0000	.60000	93.000	74.01	1.649	.2130-01	.7320-01	-8.788	-.8600-02
15	2.0000	.75600	94.000	66.14	1.474	.1900-01	.5490-01	-8.809	-.6200-02
15	2.0000	.91500	95.000	60.30	1.344	.1730-01	.3980-01	-8.824	-.4500-02
15	3.0000	.00000	96.000	121.5	2.707	.3490-01	.1978	-8.666	-.2280-01
15	3.0000	.50000-01	97.000	88.65	1.975	.2550-01	.1130	-8.751	-.1290-01
15	3.0000	.30000	98.000	96.77	2.156	.2780-01	.1340	-8.730	-.1530-01
15	3.0000	.75600	99.000	40.67	.9062	.1170-01	-.1090-01	-8.875	.1200-02

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

(RG1007)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
15	1.0000	.00000	86.000	96.95	2.158	.2790-01	.1342	-8.729	-.1540-01
15	1.0000	.25000-01	83.000	82.56	1.838	.2370-01	.9710-01	-8.766	-.1110-01
15	1.0000	.40000	84.000	114.4	2.546	.3290-01	.1792	-6.684	-.2060-01
15	1.0000	.75600	85.000	35.75	.7959	.1030-01	-.2370-01	-8.887	-.2700-02
15	2.0000	.00000	87.000	106.9	2.379	.3070-01	.1598	-8.704	-.1840-01
15	2.0000	.25000-01	88.000	258.5	5.753	.7420-01	.5508	-8.313	-.6630-01
15	2.0000	.50000-01	89.000	319.8	7.119	.9190-01	.7091	-8.154	-.8700-01
15	2.0000	.10000+00	90.000	200.5	4.465	.5760-01	.4015	-8.462	-.4740-01
15	2.0000	.20000	91.000	127.0	2.827	.3650-01	.2117	-8.652	-.2450-01
15	2.0000	.40000	92.000	70.79	1.576	.2030-01	.6670-01	-8.797	-.7600-02
15	2.0000	.60000	93.000	58.94	1.312	.1690-01	.3620-01	-8.827	-.4100-02
15	2.0000	.75600	94.000	49.97	1.112	.1440-01	.1300-01	-8.850	-.1500-02
15	2.0000	.91500	95.000	45.82	1.020	.1320-01	.2300-02	-8.861	-.3000-03
15	3.0000	.00000	96.000	114.6	2.550	.3290-01	.1796	-8.684	-.2070-01
15	3.0000	.50000-01	97.000	77.31	1.721	.2220-01	.8360-01	-8.780	-.9500-02
15	3.0000	.30000	98.000	77.99	1.736	.2240-01	.8530-01	-8.778	-.9700-02
15	3.0000	.75600	99.000	32.71	.7280	.9400-02	-.3150-01	-8.895	-.3500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
15	1.0000	.00000	86.000	53.37	1.189	.1530-01	.2190-01	-8.842	-.2500-02
15	1.0000	.25000-01	83.000	52.69	1.174	.1520-01	.2020-01	-8.843	-.2300-02
15	1.0000	.40000	84.000	71.07	1.583	.2040-01	.6760-01	-6.796	-.7700-02
15	1.0000	.75600	85.000	26.70	.5948	.7700-02	-.4700-01	-8.910	.5300-02
15	2.0000	.00000	87.000	102.3	2.280	.2940-01	.1483	-8.715	-.1700-01
15	2.0000	.25000-01	88.000	299.4	6.670	.8610-01	.6570	-8.206	-.8010-01
15	2.0000	.50000-01	89.000	265.3	5.911	.7630-01	.5691	-8.294	-.6860-01
15	2.0000	.10000+00	90.000	141.5	3.153	.4070-01	.2495	-8.614	-.2900-01
15	2.0000	.20000	91.000	102.4	2.282	.2940-01	.1485	-8.715	-.1700-01
15	2.0000	.40000	92.000	58.11	1.295	.1670-01	.3420-01	-8.829	-.3900-02
15	2.0000	.60000	93.000	43.89	.9778	.1260-01	-.2600-02	-8.866	.3000-03
15	2.0000	.75600	94.000	36.01	.8023	.1040-01	-.2290-01	-8.886	.2600-02
15	3.0000	.00000	95.000	32.20	.7174	.9300-02	-.3270-01	-8.895	.3700-02
15	3.0000	.00000	96.000	116.4	2.593	.3350-01	.1846	-8.679	-.2130-01
15	3.0000	.50000-01	97.000	70.73	1.576	.2030-01	.6670-01	-8.797	-.7600-02
15	3.0000	.30000	98.000	69.46	1.548	.2000-01	.6350-01	-8.800	-.7200-02
15	3.0000	.75600	99.000	27.21	.6061	.7800-02	-.4560-01	-8.909	.5100-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

LEFT OMS POD

IH11. MODEL 84-OT. LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
20	1.0000	86.000	180.7	1.570	.9270-01	.1309	-3.529	-.3710-01
20	1.0000	83.000	206.5	1.794	.1059	.1822	-3.477	-.5240-01
20	1.0000	84.000	182.2	1.583	.9350-01	.1339	-3.526	-.3800-01
20	1.0000	85.000	72.28	.6280	.7710-01	-.8540-01	-3.745	.2280-01
20	2.0000	87.000	143.8	1.250	-.380-01	.5730-01	-3.602	-.1590-01
20	2.0000	88.000	159.5	1.386	.8180-01	.8850-01	-3.571	-.2480-01
20	2.0000	89.000	182.2	1.583	.9350-01	.1339	-3.526	-.3800-01
20	2.0000	90.000	187.5	1.629	.9620-01	.1444	-3.515	-.4110-01
20	2.0000	91.000	169.6	1.474	.8700-01	.1088	-3.551	-.3060-01
20	2.0000	92.000	108.8	.9450	.5580-01	-.1260-01	-3.672	.3400-02
20	2.0000	93.000	85.15	.7398	.4370-01	-.5970-01	-3.719	.1610-01
20	2.0000	94.000	71.95	.6251	.3690-01	-.8610-01	-3.746	.2300-01
20	2.0000	95.000	66.78	.5802	.3420-01	-.9640-01	-3.756	.2570-01
20	3.0000	96.000	126.6	1.100	.6490-01	.2300-01	-3.637	-.6300-02
20	3.0000	97.000	111.3	.9671	.5710-01	-.7600-02	-3.667	.2100-02
20	3.0000	98.000	113.3	.9840	.5810-01	-.3700-02	-3.663	.1000-02
20	3.0000	99.000	73.05	.6346	.3750-01	-.8390-01	-3.744	.2240-01

TEST DATA

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

LEFT OMS POD

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	R(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
20	1.0000	.00000	86.000	202.4	1.760	.1039	.1744	-3.485	-.5000-01
20	1.0000	.25000-01	83.000	235.6	2.048	.1209	.2407	-3.419	-.7040-01
20	1.0000	.40000	84.000	205.8	1.789	.1056	.1812	-3.478	-.5210-01
20	1.0000	.75600	85.000	67.31	.5851	.7450-01	-.9520-01	-3.755	-.2540-01
20	2.0000	.00000	87.000	183.5	1.595	.5410-01	.1365	-3.523	-.3880-01
20	2.0000	.25000-01	88.000	299.6	2.604	.1537	.3683	-3.291	-.1119
20	2.0000	.50000-01	89.000	351.6	3.057	.1804	.4722	-3.187	-.1481
20	2.0000	.10000+00	90.000	257.2	2.235	.1320	.2836	-3.376	-.8400-01
20	2.0000	.20000	91.000	178.5	1.552	.9160-01	.1267	-3.533	-.3590-01
20	2.0000	.40000	92.000	109.8	.9548	.5640-01	-.1040-01	-3.670	-.2800-02
20	2.0000	.60000	93.000	92.13	.8009	.4730-01	-.4570-01	-3.705	-.1230-01
20	2.0000	.75600	94.000	79.68	.6926	.4090-01	-.7060-01	-3.730	-.1890-01
20	2.0000	.91500	95.000	74.68	.6492	.3830-01	-.8050-01	-3.740	-.2150-01
20	3.0000	.00000	96.000	160.3	1.394	.8230-01	.9040-01	-3.569	-.2530-01
20	3.0000	.50000-01	97.000	126.2	1.097	.6480-01	.2230-01	-3.637	-.6100-02
20	3.0000	.30000	98.000	132.2	1.149	.6780-01	.3430-01	-3.625	-.9500-02
20	3.0000	.75600	99.000	75.95	.6502	.3900-01	-.7800-01	-3.738	-.2090-01

LEFT OMS POD

IHI1, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
20	1.0000	.00000	86.000	287.6	2.499	.1475	.3442	-3.315	-.1038
20	1.0000	.25000-01	83.000	260.1	2.260	.1334	.2894	-3.370	-.8590-01
20	1.0000	.40000	84.000	243.7	2.118	.1250	.2566	-3.403	-.7540-01
20	1.0000	.75600	85.000	62.25	.5410	.3190-01	-.1054	-3.765	.2800-01
20	2.0000	.00000	87.000	198.7	1.727	.1020	.1669	-3.493	-.4780-01
20	2.0000	.25000-01	88.000	303.5	2.638	.1557	.3760	-3.284	-.1145
20	2.0000	.50000-01	89.000	342.3	2.975	.1756	.4535	-3.206	-.1414
20	2.0000	.10000+00	90.000	256.9	2.232	.1318	.2829	-3.377	-.8380-01
20	2.0000	.20000	91.000	189.5	1.647	.9720-01	.1485	-3.511	-.4230-01
20	2.0000	.40000	92.000	112.0	.9734	.5750-01	-.6100-02	-3.666	.1700-02
20	2.0000	.60000	93.000	98.21	.8535	.5040-01	-.360-01	-3.693	.9100-02
20	2.0000	.75600	94.000	91.02	.7910	.4670-01	-.4800-01	-3.708	.1290-01
20	2.0000	.91500	95.000	86.53	.7520	.4440-01	-.5690-01	-3.717	.1530-01
20	3.0000	.00000	96.000	145.1	1.261	.7440-01	.5990-01	-3.600	-.1660-01
20	3.0000	.50000-01	97.000	151.8	1.319	.7790-01	.7320-01	-3.586	-.2040-01
20	3.0000	.30000	98.000	150.2	1.305	.7700-01	.7000-01	-3.590	-.1950-01
20	3.0000	.75600	99.000	71.30	.6196	.3660-01	-.8730-01	-3.747	.2330-01

IH11, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(SI)	CPI/SI
17	1.0000	.00000	86.000	202.4	2.979	.8240-01	.3163	-5.302	-5970-01
17	1.0000	.25000-01	83.000	175.4	2.581	.7140-01	.2527	-5.365	-4710-01
17	1.0000	.40000	84.000	173.1	2.547	.7050-01	.2474	-5.371	-4610-01
17	1.0000	.75600	85.000	40.71	.5992	.1660-01	-.6410-01	-5.682	-.1130-01
17	2.0000	.00000	87.000	128.3	1.889	.5230-01	.1421	-5.476	-.2590-01
17	2.0000	.25000-01	88.000	207.6	3.056	.8460-01	.3287	-5.289	-.6210-01
17	2.0000	.50000-01	89.000	238.0	3.504	.9690-01	.4003	-5.218	-.7670-01
17	2.0000	.10000*00	90.000	181.7	2.674	.7400-01	.2677	-5.350	-.5000-01
17	2.0000	.20000	91.000	132.7	1.954	.5410-01	.524	-5.466	-.2790-01
17	2.0000	.40000	92.000	74.10	1.090	.3020-01	.1450-01	-5.604	-.2600-02
17	2.0000	.60000	93.000	56.05	.8249	.2280-01	-.2800-01	-5.646	.5000-02
17	2.0000	.75600	94.000	55.37	.8149	.2250-01	-.2960-01	-5.648	.5200-02
17	2.0000	.91500	95.000	53.25	.7838	.2170-01	-.3460-01	-5.653	.6100-02
17	3.0000	.00000	96.000	89.43	1.316	.3640-01	.5060-01	-5.568	-.9100-02
17	3.0000	.50000-01	97.000	95.87	1.411	.3900-01	.6570-01	-5.553	-.1180-01
17	3.0000	.30000	98.000	94.94	1.397	.3870-01	.6350-01	-5.555	-.1140-01
17	3.0000	.75600	99.000	43.00	.6329	.1750-01	-.5870-01	-5.677	.1030-01

IH11. MODEL 84-OT. LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-3.186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
17	1.0000	.00000	85.000	133.8	1.969	.5450-01	.1549	-5.463	-.2840-01
17	1.0000	.25000-01	83.000	145.3	2.139	.5920-01	.1820	-5.436	-.3350-01
17	1.0000	.40000	84.000	138.5	2.039	.5640-01	.1661	-5.452	-.3050-01
17	1.0000	.75600	85.000	36.50	.5372	.1490-01	-.7400-01	-5.692	.1300-01
17	2.0000	.00000	87.000	110.7	1.629	.4510-01	.1006	-5.518	-.1820-01
17	2.0000	.25000-01	88.000	159.4	2.347	.6490-01	.2153	-5.403	-.3990-01
17	2.0000	.50000-01	89.000	205.1	3.018	.8350-01	.3227	-5.296	-.6090-01
17	2.0000	.10000+00	90.000	178.8	2.632	.7280-01	.2609	-5.357	-.4870-01
17	2.0000	.20000	91.000	131.0	1.928	.5330-01	.1484	-5.470	-.2710-01
17	2.0000	.40000	92.000	72.06	1.061	.2930-01	.9700-02	-5.609	-.1700-02
17	2.0000	.60000	93.000	58.18	.8563	.2370-01	-.2300-01	-5.641	.4100-02
17	2.0000	.75600	94.000	50.47	.7429	.2060-01	-.4110-01	-5.660	.7300-02
17	2.0000	.91500	95.000	46.49	.6843	.1890-01	-.5050-01	-5.669	.8900-02
17	3.0000	.00000	96.000	93.40	1.375	.3800-01	.5990-01	-5.558	-.1080-01
17	3.0000	.50000-01	97.000	71.64	1.054	.2920-01	.8700-02	-5.610	-.1600-02
17	3.0000	.30000	98.000	79.60	1.172	.3240-01	.2740-01	-5.591	-.4900-02
17	3.0000	.75600	99.000	40.57	.5971	.1650-01	-.6440-01	-5.683	.1130-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

LEFT OMS POD

IH11. MODEL 84-OT. LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
17	1.0000	.00000	86.000	111.3	1.638	.4530-01	.1021	-5.516	-.1850-01
17	1.0000	.25000-01	83.000	121.9	1.794	.4960-01	.1270	-5.492	-.2310-01
17	1.0000	.40000	84.000	119.1	1.753	.4850-01	.1204	-5.498	-.2190-01
17	1.0000	.75600	85.000	35.87	.5279	.1460-01	-.7550-01	-5.694	.1330-01
17	2.0000	.00000	87.000	89.92	1.264	.3500-01	.4230-01	-5.576	-.7600-02
17	2.0000	.25000-01	88.000	144.1	2.121	.5870-01	.1792	-5.439	-.3290-01
17	2.0000	.50000-01	89.000	187.8	2.764	.7650-01	.2820	-5.337	-.5280-01
17	2.0000	.10000*00	90.000	151.7	2.233	.6180-01	.1971	-5.422	-.3640-01
17	2.0000	.40000	91.000	113.0	1.663	.4600-01	.1060	-5.513	-.1920-01
17	2.0000	.60000	92.000	67.46	.9927	.2750-01	-.1200-02	-5.620	-.2000-03
17	2.0000	.75600	93.000	53.57	.7883	.2180-01	-.3380-01	-5.652	.6000-02
17	2.0000	.91500	94.000	44.00	.6475	.1790-01	-.5640-01	-5.675	.9900-02
17	3.0000	.00000	95.000	39.34	.5790	.1600-01	-.6730-01	-5.686	.1180-01
17	3.0000	.00000-01	96.000	67.88	.9990	.2760-01	-.2000-03	-5.619	.0000
17	3.0000	.30000	97.000	67.63	.9952	.2750-01	-.8000-03	-5.619	.1000-03
17	3.0000	.75600	98.000	66.02	.9716	.2690-01	-.4500-02	-5.623	.8000-03
17	3.0000		99.000	38.41	.5652	.1560-01	-.6950-01	-5.688	.1220-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, LEFT OMS POD

DATE 01 OCT 80

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
14	1.0000	.00000	86.000	90.45	2.016	.2600-01	.1177	-8.749	-.1350-01
14	1.0000	.25000-01	83.000	80.89	1.803	.2330-01	.9300-01	-8.774	-.1060-01
14	1.0000	.40000	84.000	82.07	1.829	.2360-01	.9610-01	-8.770	-.1100-01
14	1.0000	.75600	85.000	22.36	.4984	.6400-02	-.5810-01	-8.925	.6500-02
14	2.0000	.00000	87.000	63.64	1.418	.1830-01	.4850-01	-8.818	-.5500-02
14	2.0000	.25000-01	88.000	90.45	2.016	.2600-01	.1177	-8.749	-.1350-01
14	2.0000	.50000-01	89.000	123.6	2.755	.3550-01	.2033	-8.663	-.2350-01
14	2.0000	.10000+00	90.000	115.0	2.563	.3310-01	.1810	-8.686	-.2080-01
14	2.0000	.20000	91.000	87.83	1.957	.2520-01	.1109	-8.756	-.1270-01
14	2.0000	.40000	92.000	46.63	1.039	.1340-01	.4600-02	-8.862	-.5000-03
14	2.0000	.60000	93.000	37.92	.8452	.1090-01	-.1790-01	-8.885	.2000-02
14	2.0000	.75600	94.000	31.92	.7114	.9200-02	-.3340-01	-8.900	.3800-02
14	2.0000	.91500	95.000	28.03	.6247	.8100-02	-.4350-01	-8.910	.4900-02
14	3.0000	.00000	96.000	46.97	1.047	.1350-01	.5400-02	-8.861	-.6000-03
14	3.0000	.50000-01	97.000	41.22	.9187	.1180-01	-.9400-02	-8.876	.1100-02
14	3.0000	.30000	98.000	44.52	.9923	.1280-01	-.9000-03	-8.867	.1000-03
14	3.0000	.75600	99.000	23.54	.5247	.6800-02	-.5510-01	-8.922	.6200-02

IH11 INTEGRATED VEHICLE PRESSURE DATA
 IH11, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

RAY	X/LREF	TAP NO	PI/P PSFA	PI/PO	CP(I)	CP(SI)	CP(SI)	CP(SI)
14	1.0000	86.000	97.78	2.181	.2810-01	.1368	-8.729	-.1570-01
14	1.0000	83.000	102.6	2.288	.2950-01	.1492	-8.717	-.1710-01
14	1.0000	84.000	101.5	2.264	.2920-01	.1464	-8.720	-.1680-01
14	1.0000	85.000	29.00	.6467	.8300-02	-.4090-01	-8.907	.4600-02
14	2.0000	87.000	80.44	1.794	.8310-01	.9200-01	-8.774	-.1050-01
14	2.0000	88.000	124.8	2.782	.3590-01	.2065	-8.660	-.2380-01
14	2.0000	89.000	155.3	3.463	.4470-01	.2854	-8.581	-.3330-01
14	2.0000	90.000	132.8	2.961	.3820-01	.2273	-8.639	-.2630-01
14	2.0000	91.000	97.78	2.181	.2810-01	.1368	-8.729	-.1570-01
14	4.0000	92.000	51.84	1.156	.1490-01	.1810-01	-8.848	-.2000-02
14	2.0000	93.000	39.66	.8844	.1140-01	-.1340-01	-8.879	.1500-02
14	2.0000	94.000	34.58	.7712	.9900-02	-.2650-01	-8.893	.3000-02
14	2.0000	95.000	32.98	.7354	.9500-02	-.3070-01	-8.897	.3400-02
14	3.0000	96.000	69.78	1.556	.2010-01	.6440-01	-8.802	-.7300-02
14	3.0000	97.000	52.44	1.169	.1510-01	.1960-01	-8.846	-.2200-02
14	3.0000	98.000	53.45	1.192	.1540-01	.2220-01	-8.844	-.2500-02
14	3.0000	99.000	26.46	.5901	.7600-02	-.4750-01	-8.913	.5300-02

TEST DATA

ORIGINAL PAGE IS
 OF POOR QUALITY

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/F0	CP(1)	CP(S1)	CPI/SI
14	1.0000	.00000	86.000	163.8	3.651	.4710-01	.3072	-8.557	-.3590-01
14	1.0000	.25000-01	83.000	132.2	2.946	.3800-01	.2255	-8.639	-.2610-01
14	1.0000	.40000	84.000	128.5	2.863	.3690-01	.2159	-8.648	-.2500-01
14	1.0000	.75600	85.000	33.03	.7361	.9500-02	-.3060-01	-8.895	.3400-02
14	2.0000	.00000	87.000	90.44	2.015	.600-01	.1177	-8.747	-.1350-01
14	2.0000	.25000-01	88.000	135.4	3.018	.3890-01	.2338	-8.631	-.2710-01
14	2.0000	.50000-01	89.000	150.5	3.355	.4330-01	.2729	-8.592	-.3180-01
14	2.0000	.10000*00	90.000	122.1	2.720	.3510-01	.1993	-8.665	-.2300-01
14	2.0000	.20000	91.000	94.33	2.102	.2710-01	.1277	-8.737	-.1460-01
14	2.0000	.40000	92.000	55.01	1.226	.1580-01	.2620-01	-8.838	-.3000-02
14	2.0000	.60000	93.000	40.89	.9113	.1180-01	-.1030-01	-8.875	.1200-02
14	2.0000	.75600	94.000	36.33	.8096	.1040-01	-.2210-01	-8.887	.2500-02
14	2.0000	.91500	95.000	35.48	.7907	.1020-01	-.2420-01	-8.889	.2700-02
14	3.0000	.00000	96.000	67.95	1.514	.1950-01	.5960-01	-8.805	-.6800-02
14	3.0000	.50000-01	97.000	76.24	1.699	.2190-01	.8100-01	-8.783	-.9200-02
14	3.0000	.30000	98.000	62.45	1.392	.1800-01	.4540-01	-8.819	-.5100-02
14	3.0000	.75600	99.000	28.97	.6457	.8300-02	-.4110-01	-8.906	.4600-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
19	1.0000	.00000	86.000	227.2	1.974	.1165	.2236	-3.436	-.6510-01
19	1.0000	.25000-01	83.000	228.2	1.982	.1170	.2255	-3.434	-.6570-01
19	1.0000	.40000	84.000	174.6	1.517	.8950-01	.1186	-3.541	-.3350-01
19	1.0000	.75600	85.000	57.72	.5014	.2960-01	-.1145	-3.774	.3030-01
19	2.0000	.00000	87.000	126.6	1.100	.6490-01	.2290-01	-3.637	-.6300-02
19	2.0000	.25000-01	88.000	175.4	1.523	.8990-01	.1201	-3.539	-.3390-01
19	2.0000	.50000-01	89.000	199.5	1.733	.1023	.1682	-3.491	-.4820-01
19	2.0000	.10000+00	90.000	157.2	1.366	.8060-01	.8400-01	-3.576	-.2350-01
19	2.0000	.20000	91.000	115.1	.9999	.5900-01	.0000	-3.660	.0000
19	2.0000	.40000	92.000	61.36	.5330	.3150-01	-.1072	-3.767	.2850-01
19	2.0000	.60000	93.000	51.88	.4507	.2660-01	-.1261	-3.786	.3330-01
19	2.0000	.75600	94.000	57.55	.5000	.2950-01	-.1148	-3.775	.3040-01
19	3.0000	.91500	95.000	57.81	.5022	.2960-01	-.1143	-3.774	.3030-01
19	3.0000	.00000	96.000	77.78	.6757	.3990-01	-.7450-01	-3.734	.1990-01
19	3.0000	.50000-01	97.000	109.6	.9521	.5620-01	-.1100-01	-3.671	.3000-02
19	3.0000	.30000	98.000	116.0	1.009	.5950-01	.1800-02	-3.658	-.5000-03
19	3.0000	.75600	99.000	65.42	.5683	.3350-01	-.9910-01	-3.759	.2640-01

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
19	1.0000	.00000	86.000	186.2	1.618	.9550-01	.1418	-3.518	-.4030-01
19	1.0000	.25000-01	83.000	184.9	1.607	.9480-01	.1393	-3.520	-.3960-01
19	1.0000	.40000	84.000	136.0	1.181	.6970-01	.4160-01	-3.618	-.1150-01
19	1.0000	.75600	85.000	62.09	.5394	.3180-01	-.1057	-3.765	.2810-01
19	2.0000	.00000	87.000	128.6	1.117	.6500-01	.2690-01	-3.633	-.7400-02
19	2.0000	.25000-01	88.000	177.5	1.542	.9100-01	.1244	-3.535	-.3520-01
19	2.0000	.50000-01	89.000	200.4	1.742	.1028	.1702	-3.489	-.4880-01
19	2.0000	.10000+00	90.000	162.0	1.407	.8310-01	.9350-01	-3.566	-.2620-01
19	2.0000	.20000	91.000	124.3	1.080	.6370-01	.1830-01	-3.641	-.5000-02
19	2.0000	.40000	92.000	71.83	.6241	.3680-01	-.8630-01	-3.746	.2300-01
19	2.0000	.60000	93.000	53.27	.4629	.2730-01	-.1233	-3.783	.3260-01
19	2.0000	.75600	94.000	54.88	.4769	.2810-01	-.1201	-3.780	.3180-01
19	3.0000	.91500	95.000	58.27	.5063	.2990-01	-.1133	-3.773	.3000-01
19	3.0000	.00000	96.000	90.89	.7897	.4660-01	-.4830-01	-3.708	.1300-01
19	3.0000	.50000-01	97.000	106.8	.9281	.5480-01	-.1650-01	-3.676	.4500-02
19	3.0000	.30000	98.000	102.8	.8935	.5270-01	-.2450-01	-3.684	.6600-02
19	3.0000	.75600	99.000	68.69	.5968	.3520-01	-.9260-01	-3.752	.2470-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PAGE 519
(RG1009)

IHI1, MODEL 84-OT, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(SI)	CP1/SI
19	1.0000	.00000	86.000	182.2	1.582	.9340-01	.1337	-3.526	-.3790-01
19	1.0000	.25000-01	83.000	144.0	1.251	.7380-01	.5760-01	-3.602	-.1600-01
19	1.0000	.40000	84.000	114.2	.9921	.5860-01	-.1800-02	-3.662	.5000-03
19	1.0000	.75600	85.000	63.36	.5503	.7250-01	-.1032	-3.763	-.2740-01
19	2.0000	.00000	87.000	163.8	1.423	.4400-01	.9710-01	-3.563	-.2730-01
19	2.0000	.25000-01	88.000	192.6	1.673	.9870-01	.1545	-3.505	-.4410-01
19	2.0000	.50000-01	89.000	193.3	1.679	.9910-01	.1558	-3.504	-.4450-01
19	2.0000	.10000*00	90.000	148.1	1.287	.7600-01	.6590-01	-3.594	-.1830-01
19	2.0000	.20000	91.000	124.9	1.085	.6400-01	.1950-01	-3.640	-.5300-02
19	2.0000	.40000	92.000	81.30	.7062	.4170-01	-.6750-01	-3.727	.1810-01
19	2.0000	.60000	93.000	62.26	.5408	.3190-01	-.1054	-3.765	.2800-01
19	2.0000	.75600	94.000	49.99	.4342	.2560-01	-.1299	-3.790	.3430-01
19	3.0000	.00000	95.000	53.03	.4607	.2720-01	-.1238	-3.783	.3270-01
19	3.0000	.50000-01	96.000	143.2	1.244	.7340-01	.5610-01	-3.604	-.1560-01
19	3.0000	.30000	97.000	107.8	.8664	.5110-01	-.3070-01	-3.690	.8300-02
19	3.0000	.75600	98.000	107.8	.9363	.5530-01	-.1460-01	-3.674	.4000-02
19	3.0000	.75600	99.000	67.76	.5886	.3470-01	-.9450-01	-3.754	.2520-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 520

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.389	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
18	1.0000	.00000	86.000	114.6	1.687	.4670-01	.1098	-5.508	-.1990-01
18	1.0000	.25000-01	83.000	81.92	1.206	.3340-01	.3290-01	-5.585	-.5900-02
18	1.0000	.40000	84.000	64.73	.9526	.2640-01	-.7600-02	-5.626	.1300-02
18	1.0000	.75600	85.000	33.14	.4877	.1350-01	-.8190-01	-5.700	.1440-01
18	2.0000	.00000	87.000	84.80	1.248	.3450-01	.3960-01	-5.579	-.7100-02
18	2.0000	.25000-01	88.000	105.7	1.556	.4300-01	.8890-01	-5.529	-.1610-01
18	2.0000	.50000-01	89.000	95.47	1.405	.3890-01	.6470-01	-5.553	-.1170-01
18	2.0000	.10000+00	90.000	65.07	.9576	.2650-01	-.6800-02	-5.625	.1200-02
18	2.0000	.20000	91.000	55.33	.8142	.2250-01	-.2970-01	-5.648	.5300-02
18	2.0000	.40000	92.000	41.35	.6086	.1680-01	-.6260-01	-5.681	.1100-01
18	2.0000	.60000	93.000	32.21	.4740	.1310-01	-.8410-01	-5.702	.1470-01
18	2.0000	.75600	94.000	27.89	.4105	.1140-01	-.9430-01	-5.712	.1650-01
18	2.0000	.91500	95.000	30.77	.4528	.1250-01	-.8750-01	-5.705	.1530-01
18	3.0000	.00000	96.000	81.83	1.204	.3330-01	.3270-01	-5.586	-.5800-02
18	3.0000	.50000-01	97.000	63.63	.9364	.2590-01	-.1020-01	-5.628	.1800-02
18	3.0000	.30000	98.000	52.62	.7744	.2140-01	-.3610-01	-5.654	.6400-02
18	3.0000	.75600	99.000	35.85	.5276	.1460-01	-.7550-01	-5.694	.1330-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 521

IH11. MODEL 84-OT. LEFT OMS POD

(RG1009)

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	57.85	424.3	240.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
18	1.0000	.00000	86.000	123.7	1.824	.5050-01	.1317	-5.487	-.2400-01
18	1.0000	.25000-01	83.000	115.9	1.709	.4730-01	.1133	-5.505	-.2060-01
18	1.0000	.40000	84.000	84.88	1.251	.3460-01	.4010-01	-5.578	-.7200-02
18	1.0000	.75600	85.000	32.66	.4813	.1330-01	-.8290-01	-5.701	-.1450-01
18	2.0000	.00000	87.000	78.19	1.153	.3190-01	.2440-01	-5.594	-.4400-02
18	2.0000	.25000-01	88.000	116.9	1.724	.4770-01	.1157	-5.502	-.2100-01
18	2.0000	.50000-01	89.000	134.5	1.982	.5480-01	.1570	-5.461	-.2880-01
18	2.0000	.10000+00	90.000	105.1	1.549	.4290-01	.8780-01	-5.530	-.1590-01
18	2.0000	.20000	91.000	76.41	1.126	.3120-01	.2020-01	-5.598	-.3600-02
18	2.0000	.40000	92.000	41.37	.6098	.1690-01	-.6240-01	-5.681	-.1100-01
18	2.0000	.60000	93.000	29.44	.4339	.1200-01	-.9050-01	-5.709	.1590-01
18	2.0000	.75600	94.000	24.95	.3678	.1020-01	-.1011	-5.719	.1770-01
18	2.0000	.91500	95.000	28.25	.4164	.1150-01	-.9330-01	-5.711	.1630-01
18	3.0000	.00000	96.000	47.72	.7034	.1950-01	-.4740-01	-5.666	.8400-02
18	3.0000	.50000-01	97.000	56.86	.8381	.2320-01	-.2590-01	-5.644	.4600-02
18	3.0000	.30000	98.000	58.72	.8655	.2400-01	-.2150-01	-5.644	.3800-02
18	3.0000	.75600	99.000	36.38	.5362	.1480-01	-.7420-01	-5.692	.1300-01

IH11, MODEL 84-OT, LEFT OMS POD

(RG1009)

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST CONDITIONS

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
18	1.0000	.00000	86.000	159.1	2.345	.6490-01	.2150	-5.403	-.3980-01
18	1.0000	.25000-01	83.000	156.1	2.300	.6360-01	.2078	-5.410	-.3840-01
18	1.0000	.40000	84.000	116.1	1.710	.4730-01	.1135	-5.505	-.2060-01
18	1.0000	.75600	85.000	30.04	.4426	.1220-01	-.8910-01	-5.707	.1560-01
18	2.0000	.00000	87.000	83.16	1.225	.3390-01	.3600-01	-5.582	-.6500-02
18	2.0000	.25000-01	88.000	122.5	1.805	.4990-01	.1287	-5.489	-.2340-01
18	2.0000	.50000-01	89.000	143.4	2.113	.5850-01	.1779	-5.440	-.3270-01
18	2.0000	1.0000*00	90.000	111.7	1.647	.4560-01	.1034	-5.515	-.1870-01
18	2.0000	.20000	91.000	77.91	1.148	.3180-01	.2370-01	-5.595	-.4200-02
18	2.0000	.40000	92.000	38.67	.5697	.1580-01	-.6880-01	-5.687	.1210-01
18	2.0000	.60000	93.000	29.02	.4277	.1180-01	-.9150-01	-5.710	.1600-01
18	2.0000	.75600	94.000	30.04	.4426	.1220-01	-.8910-01	-5.707	.1560-01
18	2.0000	.91500	95.000	29.78	.4389	.1210-01	-.8970-01	-5.709	.1570-01
18	3.0000	.00000	96.000	39.68	.5847	.1620-01	.6640-01	-5.684	.1170-01
18	3.0000	.50000-01	97.000	63.87	.9411	.2600-01	-.9400-02	-5.627	.1700-02
18	3.0000	.30000	98.000	67.76	.9985	.2760-01	-.2000-03	-5.618	.0000
18	3.0000	.75600	99.000	35.37	.5211	.1440-01	-.7660-01	-5.695	.1340-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
 IHI1, MODEL 84-OT, LEFT OMS POD

PARAMETRIC DATA

LEFT OMS POD

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	RAY	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	1.0000	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)	CPI/SI
13	1.0000	.00000	86.000	120.0	2.673	.3450-01	.1937	-8.676	-8.676	-.2230-01
13	1.0000	.25000-01	83.000	117.8	2.624	.3380-01	.1881	-8.682	-8.682	-.2170-01
13	1.0000	.40000	84.000	87.57	1.951	.4510-01	.1101	-8.760	-8.760	-.1260-01
13	1.0000	.75600	85.000	21.64	.4819	.6200-02	-.6000-01	-8.930	-8.930	.6700-02
13	2.0000	.00000	87.000	60.06	1.338	.1720-01	.3910-01	-8.831	-8.831	-.4400-02
13	2.0000	.25000-01	88.000	94.60	2.107	.2720-01	.1282	-8.741	-8.741	-.1470-01
13	2.0000	.50000-01	89.000	114.5	2.550	.3290-01	.1795	-8.690	-8.690	-.2070-01
13	2.0000	.10000+00	90.000	91.81	2.045	.2640-01	.1210	-8.749	-8.749	-.1380-01
13	2.0000	.20000	91.000	63.37	1.411	.1820-01	.4760-01	-8.822	-8.822	-.5400-02
13	2.0000	.40000	92.000	29.17	.6497	.0400-02	-.4060-01	-8.910	-8.910	.4600-02
13	2.0000	.60000	93.000	18.76	.4178	.5400-02	-.6740-01	-8.937	-8.937	.7500-02
13	2.0000	.75600	94.000	19.01	.4235	.5500-02	-.6680-01	-8.936	-8.936	.7500-02
13	2.0000	.91500	95.000	19.27	.4291	.5500-02	-.6610-01	-8.936	-8.936	.7400-02
13	3.0000	.00000	96.000	31.62	.7044	.9100-02	-.3420-01	-8.904	-8.904	.3800-02
13	3.0000	.50000-01	97.000	43.05	.9589	.1240-01	-.4800-02	-8.874	-8.874	.5000-03
13	3.0000	.30000	98.000	44.91	1.000	.1290-01	.0000	-8.870	-8.870	.0000
13	3.0000	.75600	99.000	23.16	.5158	.6600-02	-.5610-01	-8.926	-8.926	.6300-02

TEST DATA

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 524

LEFT OMS POD

IH11, MODEL 84-OT, LEFT OMS POD

(RG1009)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
13	1.0000	.00000	86.000	84.29	1.880	.2420-01	.1020	-8.766	-.1160-01
13	1.0000	.25000-01	83.000	79.30	1.769	.2280-01	.8900-01	-8.779	-.1010-01
13	1.0000	.40000	84.000	59.31	1.323	.1710-01	.3740-01	-8.831	-.4200-02
13	1.0000	.75600	85.000	18.64	.4159	.5400-02	-.6770-01	-8.936	-.7600-02
13	2.0000	.00000	87.000	50.33	1.123	.1450-01	.1420-01	-8.854	-.1600-02
13	2.0000	.25000-01	88.000	80.65	1.799	.2320-01	.9250-01	-8.775	-.1050-01
13	2.0000	.50000-01	89.000	96.41	2.150	.2770-01	.1332	-8.735	-.1530-01
13	2.0000	.10000+00	90.000	78.03	1.740	.2240-01	.8580-01	-8.782	-.9800-02
13	2.0000	.20000	91.000	56.51	1.260	.1630-01	.3020-01	-8.838	-.3400-02
13	2.0000	.40000	92.000	28.05	.6256	.8100-02	-.4340-01	-8.911	.4900-02
13	2.0000	.60000	93.000	17.54	.3913	.5000-02	-.7050-01	-8.938	.7900-02
13	2.0000	.75600	94.000	13.14	.2930	.3800-02	-.6190-01	-8.950	.9200-02
13	2.0000	.91500	95.000	16.44	.3667	.4700-02	-.7340-01	-8.941	.8200-02
13	3.0000	.00000	96.000	29.49	.6577	.8500-02	-.3970-01	-8.908	.4500-02
13	3.0000	.50000-01	97.000	36.26	.8088	.1040-01	-.2210-01	-8.890	.2500-02
13	3.0000	.30000	98.000	36.26	.8088	.1040-01	-.2210-01	-8.890	.2500-02
13	3.0000	.75600	99.000	20.85	.4650	.6000-02	-.6200-01	-8.930	.6900-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0T, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/S1
13	1.0000	.00000	86.000	74.19	1.653	.2130-01	.7570-01	-8.792	-.8600-02
13	1.0000	.25000-01	83.000	53.28	1.187	.1530-01	.2170-01	-8.846	-.2500-02
13	1.0000	.40000	84.000	41.52	.9253	.1190-01	-.8700-02	-8.877	.1000-02
13	1.0000	.75600	85.000	20.02	.4462	.5800-02	-.6420-01	-8.932	.7200-02
13	2.0000	.00000	87.000	53.96	1.203	.1550-01	.2350-01	-8.845	-.2700-02
13	2.0000	.25000-01	88.000	76.05	1.635	.2190-01	.8050-01	-8.788	-.9200-02
13	2.0000	.50000-01	89.000	72.75	1.621	.2090-01	.7200-01	-8.796	-.8200-02
13	2.0000	.10000+00	90.000	48.12	1.072	.1380-01	.8400-02	-8.860	-.9000-03
13	2.0000	.20000	91.000	33.99	.7574	.9800-02	-.2810-01	-8.896	.3200-02
13	2.0000	.40000	92.000	24.42	.5442	.7000-02	-.5280-01	-8.921	.5900-02
13	2.0000	.60000	93.000	19.00	.4235	.5500-02	-.6680-01	-8.935	.7500-02
13	2.0000	.75600	94.000	19.17	.4273	.5500-02	-.6630-01	-8.934	.7400-02
13	2.0000	.91500	95.000	19.26	.4292	.5500-02	-.6610-01	-8.934	.7400-02
13	3.0000	.00000	96.000	48.88	1.089	.1400-01	.1040-01	-8.858	-.1200-02
13	3.0000	.50000-01	97.000	44.40	.9894	.1280-01	-.1200-02	-8.869	.1000-03
13	3.0000	.30000	98.000	32.38	.7216	.9300-02	-.7230-01	-8.900	.3600-02
13	3.0000	.75600	99.000	21.46	.4782	.6200-02	-.6040-01	-8.929	.6800-02

IHI1, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
30	2.494	-5.012	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
30	1.0000	.00000	86.000	293.8	2.554	.1508	.3569	-3.303	-.1081
30	1.0000	.25000-01	83.000	250.4	2.177	.1285	.2701	-3.389	-.7970-01
30	1.0000	.40000	84.000	281.8	2.450	.1446	.3328	-3.326	-.1001
30	1.0000	.75600	85.000	83.78	.7284	.4300-01	-.6240-01	-3.722	.1680-01
30	2.0000	.00000	87.000	256.3	2.228	.1315	.2820	-3.377	-.8350-01
30	2.0000	.25000-01	88.000	387.6	3.370	.1990	.5441	-3.115	-.1747
30	2.0000	.50000-01	89.000	455.1	3.957	.2336	.6789	-2.960	-.2278
30	2.0000	.10000+00	90.000	351.1	3.053	.1802	.4713	-3.188	-.1478
30	2.0000	.20000	91.000	268.6	2.335	.1378	.3065	-3.353	-.9140-01
30	2.0000	.40000	92.000	179.9	1.564	.9230-01	.1295	-3.530	-.3670-01
30	2.0000	.60000	93.000	145.1	1.261	.7450-01	.6000-01	-3.599	-.1670-01
30	2.0000	.75600	94.000	125.1	1.088	.6420-01	.2010-01	-3.639	-.5500-02
30	2.0000	.91500	95.000	115.5	1.005	.5930-01	.1000-02	-3.659	-.3000-03
30	3.0000	.00000	96.000	232.3	2.020	.1192	.2341	-3.425	-.6840-01
30	3.0000	.50000-01	97.000	207.0	1.800	.1062	.1836	-3.476	-.5280-01
30	3.0000	.30000	98.000	218.3	1.897	.1120	.2061	-3.453	-.5970-01
30	3.0000	.75600	99.000	91.74	.7976	.4710-01	-.4650-01	-3.706	.1250-01

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LEFT OMS POD

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, LEFT OMS POD

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PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P I/P	P I/FO	CP(I)	CP(SI)	CP I/SI
30	1.0000	.00000	86.000	232.8	2.025	.1195	.2352	-3.424	-.6870-01
30	1.0000	.25000-01	83.000	208.8	1.816	.1072	.1874	-3.472	-.5400-01
30	1.0000	.40000	84.000	244.3	2.125	.1254	.2582	-3.401	-.7590-01
30	1.0000	.75600	85.000	77.73	.6759	.3990-01	-.7440-01	-3.734	.1990-01
30	2.0000	.00000	87.000	227.5	1.978	.1168	.2246	-3.435	-.6540-01
30	2.0000	.25000-01	88.000	399.8	3.477	.2053	.5687	-3.091	-.1840
30	2.0000	.50000-01	89.000	471.1	4.097	.2419	.7111	-2.948	-.2412
30	2.0000	.10000+00	90.000	333.3	2.899	.1711	.4359	-3.223	-.1352
30	2.0000	.20000	91.000	251.5	2.187	.1291	.2726	-3.387	-.8050-01
30	2.0000	.40000	92.000	156.3	1.359	.8030-01	.8250-01	-3.577	-.2310-01
30	2.0000	.60000	93.000	126.2	1.097	.6480-01	.2230-01	-3.637	-.6100-02
30	2.0000	.75600	94.000	108.1	.9396	.5550-01	-.1390-01	-3.673	-.3800-02
30	2.0000	.91500	95.000	99.92	.8689	.5130-01	-.3010-01	-3.689	.8200-02
30	3.0000	.00000	96.000	208.6	1.814	.1071	.1869	-3.472	-.5380-01
30	3.0000	.50000-01	97.000	181.0	1.574	.9300-01	.1319	-3.527	-.3740-01
30	3.0000	.30000	98.000	188.2	1.636	.9660-01	.1461	-3.513	-.4160-01
30	3.0000	.75600	99.000	83.57	.7268	.4290-01	-.6270-01	-3.722	.1690-01

LEFT OMS POD

IH11, MODEL 84-O, LEFT OMS POD

(RG1010)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(S)	CP(SI)	CP(SI)	CP(SI)
30	1.0000	.00000	86.000	150.6	1.309	.7730-01	.7100-01	-3.588	-3.588	-3.588	-1980-01
30	1.0000	.25000-01	83.000	154.5	1.343	.7930-01	.7880-01	-3.581	-3.581	-3.581	-2200-01
30	1.0000	.40000	84.000	180.8	1.572	.9280-01	.1313	-3.528	-3.528	-3.528	-3720-01
30	1.0000	.75600	85.000	72.69	.6320	.7730-01	-.8450-01	-3.744	-3.744	-3.744	-2260-01
30	2.0000	.00000	87.000	198.5	1.726	.1019	.1666	-3.493	-3.493	-3.493	-4770-01
30	2.0000	.25000-01	88.000	452.9	3.938	.2325	.6745	-2.985	-2.985	-2.985	-2260
30	2.0000	.50000-01	89.000	476.5	4.143	.2446	.7216	-2.938	-2.938	-2.938	-2456
30	2.0000	1.0000+00	90.000	280.0	2.435	.1437	.3294	-3.330	-3.330	-3.330	-9890-01
30	2.0000	.20000	91.000	207.0	1.799	.1062	.1835	-3.476	-3.476	-3.476	-5280-01
30	2.0000	.40000	92.000	123.4	1.073	.6330-01	.1670-01	-3.643	-3.643	-3.643	-4600-02
30	2.0000	.60000	93.000	99.95	.8690	.5130-01	-.3010-01	-3.689	-3.689	-3.689	-8200-02
30	2.0000	.75600	94.000	87.67	.7622	.4500-01	-.5460-01	-3.714	-3.714	-3.714	-1470-01
30	2.0000	.91500	95.000	83.51	.7173	.4240-01	-.6490-01	-3.724	-3.724	-3.724	-1740-01
30	3.0000	.00000	96.000	269.3	2.341	.1382	.3079	-3.352	-3.352	-3.352	-9190-01
30	3.0000	.50000-01	97.000	171.1	1.488	.8780-01	.1120	-3.547	-3.547	-3.547	-3160-01
30	3.0000	.30000	98.000	167.4	1.456	.8590-01	.1046	-3.555	-3.555	-3.555	-2940-01
30	3.0000	.75600	99.000	72.77	.6327	.3740-01	-.8430-01	-3.744	-3.744	-3.744	-2250-01

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LEFT OMS POD

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
25	1.0000	.00000	86.000	86.53	1.275	.3530-01	.4400-01	-5.573	-.7900-02
25	1.0000	.25000-01	83.000	89.92	1.325	.3670-01	.5200-01	-5.565	-.9300-02
25	1.0000	.40000	84.000	108.1	1.593	.4410-01	.9490-01	-5.522	-.1720-01
25	1.0000	.75600	85.000	42.44	.6255	.1730-01	-.5990-01	-5.677	.1050-01
25	2.0000	.00000	87.000	142.2	2.096	.5800-01	.1753	-5.442	-.3220-01
25	2.0000	.25000-01	88.000	355.7	5.242	.1451	.6783	-4.939	-.1373
25	2.0000	.50000-01	89.000	357.9	5.275	.1460	.6836	-4.933	-.1386
25	2.0000	.10000+00	90.000	204.3	3.012	.8340-01	.3216	-5.295	-.6070-01
25	2.0000	.20000	91.000	146.3	2.156	.5970-01	.1848	-5.432	-.3400-01
25	2.0000	.40000	92.000	86.62	1.277	.3530-01	.4420-01	-5.573	-.7900-02
25	2.0000	.60000	93.000	66.31	.9772	.2700-01	-.3600-02	-5.621	.6000-03
25	2.0000	.75600	94.000	56.32	.8300	.2300-01	-.2720-01	-5.644	.4800-02
25	2.0000	.91500	95.000	50.91	.7502	.2080-01	-.3990-01	-5.657	.7100-02
25	3.0000	.00000	96.000	182.0	2.682	.7420-01	.2690	-5.348	-.5030-01
25	3.0000	.50000-01	97.000	109.0	1.606	.4440-01	.9690-01	-5.520	-.1750-01
25	3.0000	.30000	98.000	110.6	1.630	.4510-01	.1007	-5.516	-.1820-01
25	3.0000	.75600	99.000	42.27	.6230	.1720-01	-.6030-01	-5.678	.1060-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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LEFT OMS POD

IHI1, MODEL 84-0, LEFT OMS POD

(RG1010)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	RAY	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-.7372-01	1.972	2451.	67.84	424.3	241.0	

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP(SI)
25	1.0000	.00000	86.000	158.4	2.335	.6460-01	.2135	-5.404	-.3950-01
25	1.0000	.25000-01	83.000	127.2	1.874	.5190-01	.1398	-5.478	-.2550-01
25	1.0000	.40000	84.000	160.0	2.358	.6530-01	.2171	-5.400	-.4020-01
25	1.0000	.75600	85.000	45.07	.6643	.1840-01	-.5370-01	-5.671	.9500-02
25	2.0000	.00000	87.000	150.2	2.214	.6130-01	.1941	-5.423	-.3580-01
25	2.0000	.25000-01	88.000	289.7	4.270	.1182	.5228	-5.095	-.1026
25	2.0000	.50000-01	89.000	355.2	5.236	.1449	.6774	-4.940	-.1371
25	2.0000	1.0000*00	90.000	248.3	3.660	.1013	.4254	-5.192	-.8190-01
25	2.0000	.20000	91.000	173.8	2.561	.7090-01	.2497	-5.368	-.4650-01
25	2.0000	.40000	92.000	107.9	1.591	.4400-01	.9450-01	-5.523	-.1710-01
25	2.0000	.60000	93.000	90.39	1.332	.3690-01	.5320-01	-5.564	-.9600-02
25	2.0000	.75600	94.000	76.25	1.124	.3110-01	.1980-01	-5.598	-.3500-02
25	2.0000	.91500	95.000	68.62	1.012	.2800-01	.1800-02	-5.615	-.3000-03
25	3.0000	.00000	96.000	136.8	2.017	.5580-01	.1626	-5.455	-.2980-01
25	3.0000	.50000-01	97.000	117.3	1.730	.4790-01	.1167	-5.501	-.2120-01
25	3.0000	.30000	98.000	123.9	1.827	.5060-01	.1322	-5.485	-.2410-01
25	3.0000	.75600	99.000	49.73	.7330	.2030-01	-.4270-01	-5.660	.7500-02

TEST DATA

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RG1010)

IHI1, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
25	1.0000	.00000	85.000	203.1	2.996	.8290-01	.3192	-5.298	-.6020-01
25	1.0000	.25000-01	83.000	163.9	2.417	.6690-01	.2267	-5.391	-.4200-01
25	1.0000	.40000	84.000	187.9	2.770	.7670-01	.2831	-5.334	-.5310-01
25	1.0000	.75600	85.000	53.40	.7875	.2180-01	-.3400-01	-5.651	.6000-02
25	2.0000	.00000	87.000	173.6	2.561	.0900-01	.2496	-5.368	-.4650-01
25	2.0000	.25000-01	88.000	259.9	3.833	.1061	.4530	-5.164	-.8770-01
25	2.0000	.50000-01	89.000	319.8	4.716	.1305	.5942	-5.023	-.1183
25	2.0000	.10000+00	90.000	254.1	3.748	.1037	.4394	-5.178	-.8490-01
25	2.0000	.20000	91.000	189.3	2.792	.7730-01	.2865	-5.331	-.5370-01
25	2.0000	.40000	92.000	121.1	1.785	.4940-01	.1256	-5.492	-.2290-01
25	2.0000	.60000	93.000	104.2	1.537	.4250-01	.8590-01	-5.531	-.1550-01
25	2.0000	.75600	94.000	90.01	1.328	.3670-01	.6240-01	-5.565	-.9400-02
25	2.0000	.91500	95.000	81.89	1.208	.3340-01	.3320-01	-5.584	-.5900-02
25	3.0000	.00000	96.000	153.9	2.269	.6280-01	.2029	-5.414	-.3750-01
25	3.0000	.50000-01	97.000	130.6	1.926	.5330-01	.1481	-5.469	-.2710-01
25	3.0000	.30000	98.000	140.8	2.077	.5750-01	.1722	-5.445	-.3160-01
25	3.0000	.75600	99.000	61.77	.9110	.2520-01	-.1420-01	-5.632	-.2500-02

LEFT OMS POD

IH11, MODEL 84-O, LEFT OMS POD

(RG1010)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-5.052	1.818	3476.	44.88	387.2	212.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
24	1.0000	.00000	86.000	157.5	3.509	.4530-01	.2907	-8.570	-.3390-01
24	1.0000	.25000-01	83.000	115.8	2.580	.3330-01	.1831	-8.678	-.2110-01
24	1.0000	.40000	84.000	137.9	3.074	.3970-01	.2403	-8.620	-.2790-01
24	1.0000	.75600	85.000	35.51	.7912	.1020-01	-.2420-01	-8.885	.2700-02
24	2.0000	.00000	87.000	128.6	2.866	.3700-01	.2163	-8.645	.2500-01
24	2.0000	.25000-01	88.000	221.8	4.942	.6380-01	.4568	-8.404	-.5440-01
24	2.0000	.50000-01	89.000	271.0	6.039	.7800-01	.5841	-8.277	-.7060-01
24	2.0000	.10000+00	90.000	207.3	4.619	.5960-01	.4195	-8.441	-.4970-01
24	2.0000	.20000	91.000	146.5	3.264	.4210-01	.2624	-8.598	-.3050-01
24	2.0000	.40000	92.000	84.45	1.882	.2430-01	.1022	-8.759	-.1170-01
24	2.0000	.60000	93.000	68.56	1.528	.1970-01	.6110-01	-8.800	-.6900-02
24	2.0000	.75600	94.000	68.13	1.518	.1960-01	.6000-01	-8.801	-.6800-02
24	2.0000	.91500	95.000	63.90	1.401	.1810-01	.4650-01	-8.814	-.5300-02
24	3.0000	.00000	96.000	114.0	2.541	.3280-01	.1786	-8.682	-.2060-01
24	3.0000	.50000-01	97.000	92.81	2.068	.2670-01	.1238	-8.737	-.1420-01
24	3.0000	.30000	98.000	98.05	2.185	.2820-01	.1373	-8.724	-.1570-01
24	3.0000	.75600	99.000	44.98	1.002	.1290-01	.2000-03	-8.860	.0000

DATE 01 OCT 80

LEFT OMS POD

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-0, LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
24	1.0000	.00000	86.000	111.2	2.478	.3200-01	.1713	-8.690	-.1970-01
24	1.0000	.25000-01	83.000	93.00	2.072	.2670-01	.1242	-8.737	-.1420-01
24	1.0000	.40000	84.000	121.1	2.699	.3480-01	.1969	-8.664	-.2270-01
24	1.0000	.75600	85.000	33.79	.7527	.9700-02	-.2870-01	-8.890	.3200-02
24	2.0000	.00000	87.000	102.8	2.290	.2960-01	.1495	-8.712	-.1720-01
24	2.0000	.25000-01	88.000	187.1	4.168	.5380-01	.3672	-8.494	-.4320-01
24	2.0000	.50000-01	89.000	248.4	5.533	.7140-01	.5253	-8.336	-.6300-01
24	2.0000	.10000+03	90.000	201.1	4.481	.5780-01	.4034	-8.458	-.4770-01
24	2.0000	.20000	91.000	144.4	3.216	.4150-01	.2568	-8.604	-.2980-01
24	2.0000	.40000	92.000	81.26	1.810	.2340-01	.9390-01	-8.767	-.1070-01
24	2.0000	.60000	93.000	69.10	1.539	.1990-01	.6250-01	-8.799	-.7100-02
24	2.0000	.75600	94.000	60.14	1.340	.1730-01	.3940-01	-8.822	-.4500-02
24	3.0000	.91500	95.000	54.14	1.206	.1560-01	.2390-01	-8.837	-.2700-02
24	3.0000	.00000	96.000	102.4	2.281	.2940-01	.1484	-8.713	-.1700-01
24	3.0000	.50000-01	97.000	83.71	1.865	.2410-01	.1002	-8.761	-.1140-01
24	3.0000	.30000	98.000	89.37	1.991	.2570-01	.1148	-8.746	-.1310-01
24	3.0000	.75600	99.000	39.95	.8900	.1150-01	-.1270-01	-8.874	-.1400-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, LEFT OMS POD

(RG1010)

LEFT OMS POD

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	F PSFA	Q PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
24	1.0000	.00000	86.000	55.54	1.237	.1600-01	.2750-01	-8.832	-.3100-02
24	1.0000	.25000-01	83.000	57.58	1.283	.1660-01	.3280-01	-8.827	-.3700-02
24	1.0000	.40000	84.000	72.72	1.620	.2090-01	.7190-01	-8.788	.8200-02
24	1.0000	.75600	85.000	28.05	.6248	.8100-02	.4350-01	-8.903	.4900-02
24	2.0000	.00000	87.000	106.4	2.370	.3060-01	.1588	-8.701	-.1830-01
24	2.0000	.25000-01	88.000	296.9	6.615	.8540-01	.6508	-8.209	-.7930-01
24	2.0000	.50000-01	89.000	296.0	6.594	.8520-01	.6484	-8.211	-.7900-01
24	2.0000	.10000*00	90.000	161.8	3.605	.4660-01	.3019	-8.558	-.3530-01
24	2.0000	.20000	91.000	114.8	2.557	.3300-01	.1805	-8.679	-.2080-01
24	2.0000	.40000	92.000	65.44	1.458	.1880-01	.5310-01	-8.807	-.6000-02
24	2.0000	.60000	93.000	49.62	1.105	.1430-01	.1220-01	-8.848	-.1400-02
24	2.0000	.75600	94.000	40.32	.8982	.1160-01	-.1180-01	-8.872	.1300-02
24	3.0000	.91500	95.000	36.25	.8077	.1040-01	-.2230-01	-8.882	-.2500-02
24	3.0000	.00000	96.000	136.5	3.041	.3930-01	.2366	-8.623	-.2740-01
24	3.0000	.50000-01	97.000	80.59	1.795	.2320-01	.9220-01	-8.768	-.1050-01
24	3.0000	.30000	98.000	81.35	1.812	.2340-01	.9420-01	-8.766	-.1070-01
24	3.0000	.75600	99.000	31.77	.7078	.9100-02	-.3390-01	-8.894	.3800-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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LEFT OMS POD

IH11, MODEL 84-O, LEFT OMS POD

(RG1011)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
29	1.0000	.00000	86.000	178.3	1.550	.9150-01	.1263	-3.533	-.3580-01
29	1.0000	.25000-01	83.000	223.1	1.940	.1145	.2157	-3.444	-.6260-01
29	1.0000	.40000	84.000	194.6	1.692	.9990-01	.1588	-3.501	-.4940-01
29	1.0000	.75600	85.000	81.52	.7088	.4180-01	-.6690-01	-3.726	.1790-01
29	2.0000	.00000	87.000	161.8	1.407	.8300-01	.9340-01	-3.566	-.2620-01
29	2.0000	.25000-01	88.000	217.8	1.893	.1118	.2051	-3.454	-.5940-01
29	2.0000	.50000-01	89.000	272.7	2.370	.1399	.3147	-3.345	-.9410-01
29	2.0000	.10000+00	90.000	239.3	2.080	.1228	.2480	-3.411	-.7270-01
29	2.0000	.20000	91.000	186.3	1.620	.9560-01	.1423	-3.517	-.4050-01
29	2.0000	.40000	92.000	112.3	.9763	.5760-01	-.5400-02	-3.665	.1500-02
29	2.0000	.60000	93.000	89.44	.7777	.4590-01	-.5100-01	-3.711	.1380-01
29	2.0000	.75600	94.000	78.57	.6831	.4030-01	-.7280-01	-3.732	.1950-01
29	2.0000	.91500	95.000	74.18	.6450	.3810-01	-.8150-01	-3.741	.2180-01
29	3.0000	.00000	96.000	144.5	1.256	.7420-01	.5890-01	-3.601	-.1630-01
29	3.0000	.50000-01	97.000	122.5	1.065	.6290-01	.1490-01	-3.644	-.4100-02
29	3.0000	.30000	98.000	124.4	1.082	.6390-01	.1880-01	-3.641	-.5200-02
29	3.0000	.75600	99.000	80.59	.7007	.4140-01	-.6870-01	-3.728	.1840-01

IH11, MODEL 84-0, LEFT OMS POD

(RG1011)

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-6774-01	2.154	1948.	115.0	501.0	288.8

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/FO	CP(1)	CP(1S)	CP1/S1
29	1.0000	.00000	86.000	219.0	1.904	.1124	.2075	-3.452	-.6010-01
29	1.0000	.25000-01	83.000	239.6	2.083	.1230	.2486	-3.411	-.7290-01
29	1.0000	.40000	84.000	207.8	1.807	.1067	.1852	-3.474	-.5330-01
29	1.0000	.75600	85.000	78.41	.6817	.4020-01	-.7310-01	-3.732	-.1960-01
29	2.0000	.00000	87.000	188.7	1.641	.5690-01	.1471	-3.512	-.4190-01
29	2.0000	.25000-01	88.000	247.2	2.149	.1269	.2638	-3.395	-.7770-01
29	2.0000	.50000-01	89.000	296.3	2.576	.1521	.3618	-3.298	-.1097
29	2.0000	.10000+00	90.000	257.2	2.236	.1320	.2838	-3.375	-.8410-01
29	2.0000	.20000	91.000	197.4	1.716	.1013	.1644	-3.495	-.4700-01
29	2.0000	.40000	92.000	123.4	1.073	.6330-01	.1670-01	-3.643	-.4600-02
29	2.0000	.60000	93.000	100.6	.8747	.5160-01	-.2880-01	-3.688	-.7800-02
29	2.0000	.75600	94.000	85.88	.7553	.4460-01	-.5620-01	-3.715	-.1510-01
29	2.0000	.91500	95.000	81.29	.7067	.4170-01	-.6730-01	-3.727	-.1810-01
29	3.0000	.00000	96.000	164.5	1.430	.8440-01	.9880-01	-3.560	-.2770-01
29	3.0000	.50000-01	97.000	134.5	1.169	.6900-01	.3890-01	-3.620	-.1070-01
29	3.0000	.30000	98.000	148.1	1.288	.7600-01	.6610-01	-3.593	-.1840-01
29	3.0000	.75600	99.000	86.63	.7531	.4450-01	-.5670-01	-3.716	-.1530-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
29	1.0000	.00000	86.000	282.2	2.453	.1448	.3337	-3.326	-.1003
29	1.0000	.25000-01	83.000	282.8	2.198	.1297	.2750	-3.384	-.8120-01
29	1.0000	.40000	84.000	237.5	2.065	.1219	.2445	-3.415	-.7160-01
29	1.0000	.75600	85.000	81.83	.7115	.4200-01	-.6620-01	-3.726	.1780-01
29	2.0000	.00000	87.000	197.5	1.718	.1014	.1647	-3.495	-.4710-01
29	2.0000	.25000-01	88.000	304.5	2.648	.1563	.3783	-3.281	-.1153
29	2.0000	.50000-01	89.000	342.7	2.979	.1759	.4544	-3.205	-.1418
29	2.0000	.10000*00	90.000	258.9	2.251	.1329	.2872	-3.372	-.8520-01
29	2.0000	.20000	91.000	195.2	1.697	.1002	.1600	-3.499	-.4570-01
29	2.0000	.40000	92.000	121.2	1.054	.6220-01	.1240-01	-3.647	-.3400-02
29	2.0000	.60000	93.000	114.1	.9921	.5860-01	-.1800-02	-3.661	.5000-03
29	2.0000	.75600	94.000	97.25	.8455	.4990-01	-.3550-01	-3.695	.9600-02
29	3.0000	.91500	95.000	93.69	.8146	.4810-01	-.4260-01	-3.702	.1150-01
29	3.0000	.00000	96.000	153.0	1.330	.7850-01	.7580-01	-3.583	-.2110-01
29	3.0000	.50000-01	97.000	165.0	1.435	.8470-01	.9980-01	-3.560	-.2800-01
29	3.0000	.30000	98.000	163.0	1.417	.8370-01	.9570-01	-3.564	-.2690-01
29	3.0000	.75600	99.000	92.42	.8035	.4740-01	-.4510-01	-3.704	.1220-01

LEFT OMS POD

IH11, MODEL 84-O, LEFT OMS POD

(RG1011)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-5.050	1.975	2454.	67.91	424.7	240.9

TEST DATA

RUN NUMBER	RAY	X/L/REF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
26	1.0000	.00000	86.000	187.2	2.757	.7630-01	.2809	-5.337	-.5260-01
26	1.0000	.25000-01	83.000	161.9	2.384	.6600-01	.2214	-5.396	-.4100-01
26	1.0000	.40000	84.000	160.7	2.367	.6550-01	.2186	-5.399	-.4050-01
26	1.0000	.75600	85.000	47.71	.7026	.1940-01	-.4760-01	-5.655	.8400-02
26	2.0000	.00000	87.000	128.3	1.890	.6230-01	.1423	-5.475	-.2600-01
26	2.0000	.25000-01	88.000	217.7	3.205	.8870-01	.3526	-5.265	-.6700-01
26	2.0000	.50000-01	89.000	250.2	3.685	.1020	.4293	-5.188	-.8270-01
26	2.0000	.10000+00	90.000	185.6	2.733	.7560-01	.2771	-5.340	-.5190-01
26	2.0000	.20000	91.000	129.1	1.901	.5260-01	.1441	-5.474	-.2630-01
26	2.0000	.40000	92.000	74.11	1.091	.3020-01	.1460-01	-5.603	-.2600-02
26	2.0000	.60000	93.000	59.30	.8733	.2420-01	-.2030-01	-5.638	.3600-02
26	2.0000	.75600	94.000	61.08	.8994	.2490-01	-.1610-01	-5.634	.2900-02
26	2.0000	.91500	95.000	60.15	.8857	.2450-01	-.1830-01	-5.635	.3200-02
26	3.0000	.00000	96.000	93.56	1.378	.3810-01	.6040-01	-5.557	-.1090-01
26	3.0000	.50000-01	97.000	100.5	1.480	.4100-01	.7670-01	-5.541	-.1380-01
26	3.0000	.30000	98.000	101.0	1.487	.4120-01	.7790-01	-5.540	-.1410-01
26	3.0000	.75600	99.000	56.09	.8259	.2290-01	-.2780-01	-5.645	.4900-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1011)

IH11, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-6.176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP1/SI
26	1.0000	.00000	86.000	139.4	2.054	.5680-01	.1686	-5.449	-.3090-01
26	1.0000	.25000-01	83.000	147.5	2.173	.6010-01	.1875	-5.430	-.3450-01
26	1.0000	.40000	84.000	137.4	2.024	.5600-01	.1638	-5.454	-.3000-01
26	1.0000	.75600	85.000	44.12	.6500	.1800-01	-.5600-01	-5.674	.9900-02
26	2.0000	.00000	87.000	118.9	1.753	.4850-01	.1203	-5.497	-.2190-01
26	2.0000	.25000-01	88.000	161.9	2.386	.6600-01	.2215	-5.396	-.4110-01
26	2.0000	.50000-01	89.000	207.3	3.055	.8450-01	.3285	-5.289	-.6210-01
26	2.0000	.10000+00	90.000	184.0	2.711	.7500-01	.2735	-5.344	-.5120-01
26	2.0000	.20000	91.000	140.8	2.074	.5740-01	.1717	-5.446	-.3150-01
26	2.0000	.40000	92.000	80.05	1.179	.3260-01	.2870-01	-5.589	-.5100-02
26	2.0000	.60000	93.000	65.93	.9715	.2690-01	-.4600-02	-5.622	.8000-03
26	2.0000	.75600	94.000	57.39	.8456	.2340-01	-.2470-01	-5.642	.4400-02
26	2.0000	.91500	95.000	52.32	.7709	.2130-01	-.3660-01	-5.654	.6500-02
26	3.0000	.00000	96.000	105.3	1.552	.4300-01	.8830-01	-5.530	-.1600-01
26	3.0000	.50000-01	97.000	80.73	1.190	.3290-01	.3030-01	-5.587	-.5400-02
26	3.0000	.30000	98.000	90.71	1.337	.3700-01	.5380-01	-5.564	-.9700-02
26	3.0000	.75600	99.000	49.70	.7322	.2030-01	-.4280-01	-5.661	.7600-02

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
26	1.0000	.00000	86.000	111.0	1.636	.4530-01	.1017	-5.516	-.1840-01
26	1.0000	.25000-01	83.000	132.4	1.951	.5400-01	.1520	-5.466	-.2780-01
26	1.0000	.40000	84.000	127.8	1.883	.5210-01	.1413	-5.476	-.2580-01
26	1.0000	.75600	85.000	42.83	.6312	.1750-01	-.5900-01	-5.677	.1040-01
26	2.0000	.00000	87.000	92.83	1.368	.3790-01	.5890-01	-5.559	-.1060-01
26	2.0000	.25000-01	88.000	98.58	1.453	.4020-01	.7240-01	-5.545	-.1310-01
26	2.0000	.50000-01	89.000	115.1	1.697	.4700-01	.1114	-5.506	-.2020-01
26	2.0000	.10000+00	90.000	129.3	1.906	.5270-01	.1448	-5.473	-.2650-01
26	2.0000	.20000	91.000	121.1	1.785	.4940-01	.1255	-5.492	-.2290-01
26	2.0000	.40000	92.000	74.00	1.090	.3020-01	.1450-01	-5.603	-.2600-02
26	2.0000	.60000	93.000	58.79	.8665	.2400-01	-.2140-01	-5.639	.3800-02
26	2.0000	.75600	94.000	49.00	.7221	.2000-01	-.4440-01	-5.662	.7800-02
26	2.0000	.91500	95.000	44.10	.6499	.1800-01	-.5600-01	-5.674	.9900-02
26	3.0000	.00000	96.000	88.53	1.305	.3610-01	.4870-01	-5.569	-.8700-02
26	3.0000	.50000-01	97.000	72.65	1.071	.2960-01	.1130-01	-5.606	-.2000-02
26	3.0000	.30000	98.000	74.17	1.093	.3020-01	.1490-01	-5.603	-.2700-02
26	3.0000	.75600	99.000	45.11	.6648	.1840-01	-.5360-01	-5.671	.9500-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	RAY	X/LPCF	TAP NO	P(I) PSFA	PI/P	PI/FO	CP(I)	CP(SI)	CPI/SI
23	1.0000	.00000	86.000	76.39	1.703	.2200-01	.8140-01	-8.782	-.9300-02
23	1.0000	.25000-01	83.000	88.30	1.968	.2540-01	.1122	-8.751	-.1280-01
23	1.0000	.40000	84.000	87.88	1.959	.2530-01	.1111	-8.752	-.1270-01
23	1.0000	.75600	85.000	26.95	.6008	.7800-02	-.4630-01	-8.910	.5200-02
23	2.0000	.00000	87.000	57.79	1.288	.1660-01	.3340-01	-8.830	-.3800-02
23	2.0000	.25000-01	88.000	63.54	1.416	.1830-01	.4820-01	-8.815	-.5500-02
23	2.0000	.50000-01	89.000	74.53	1.661	.2140-01	.7660-01	-8.787	-.8700-02
23	2.0000	.10000-00	90.000	85.17	1.898	.2450-01	.1041	-8.759	-.1190-01
23	2.0000	.20000	91.000	86.53	1.929	.2490-01	.1076	-8.756	-.1230-01
23	2.0000	.40000	92.000	53.82	1.200	.1550-01	.2310-01	-8.840	-.2600-02
23	2.0000	.60000	93.000	41.32	.9210	.1190-01	-.9200-02	-8.873	.1000-02
23	2.0000	.75600	94.000	34.30	.7846	.9900-02	-.2730-01	-8.891	.3100-02
23	2.0000	.91500	95.000	31.18	.6349	.9000-02	-.3540-01	-8.899	.4000-02
23	3.0000	.00000	96.000	55.26	1.232	.1590-01	.2690-01	-8.837	-.3000-02
23	3.0000	.50000-01	97.000	49.60	1.105	.1430-01	.1220-01	-8.851	-.1400-02
23	3.0000	.30000	98.000	49.77	1.109	.1430-01	.1270-01	-8.851	-.1400-02
23	3.0000	.75600	99.000	28.81	.6422	.8300-02	-.4150-01	-8.905	.4700-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PAGE 542

LEFT OMS POD

IHI1, MODEL 84-O, LEFT OMS POD

(RG1011)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-7372-01	1.825	3478.	44.89	387.4	212.1

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
23	1.0000	.00000	86.000	104.9	2.337	.3020-01	.1549	-8.708	-.1780-01
23	1.0000	.25000-01	83.000	109.0	2.427	.3130-01	.1654	-8.697	-.1900-01
23	1.0000	.40000	84.000	104.6	2.329	.3010-01	.1540	-8.709	-.1770-01
23	1.0000	.75600	85.000	28.70	.6393	.8300-02	-4.180-01	-8.905	.4700-02
23	2.0000	.00000	87.000	86.82	1.934	.2500-01	.1082	-8.755	-.1240-01
23	2.0000	.25000-01	88.000	136.3	3.037	.3920-01	.2360	-8.627	-.2740-01
23	2.0000	.50000-01	89.000	171.5	3.820	.4930-01	.3268	-8.536	-.3830-01
23	2.0000	.10000+00	90.000	142.2	3.167	.4090-01	.2511	-8.612	-.2920-01
23	2.0000	.20000	91.000	103.6	2.309	.2980-01	.1516	-8.711	-.1740-01
23	2.0000	.40000	92.000	59.03	1.315	.1700-01	.3650-01	-8.826	-.4100-02
23	2.0000	.60000	93.000	47.03	1.048	.1350-01	.5500-02	-8.857	-.6000-03
23	2.0000	.75600	94.000	41.29	.9147	.1190-01	-9.300-02	-8.872	.1000-02
23	3.0000	.00000	95.000	38.42	.8558	.1100-01	-1.670-01	-8.880	.1900-02
23	3.0000	.50000-01	96.000	78.21	1.742	.2250-01	.8600-01	-8.777	-.9800-02
23	3.0000	.30000	97.000	57.93	1.290	.1670-01	.3370-01	-8.829	-.3300-02
23	3.0000	.75600	98.000	63.17	1.407	.1820-01	.4720-01	-8.816	-.5400-02
23	3.0000		99.000	33.52	.7466	.9600-02	-.2940-01	-8.892	.3300-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 543
(RG1011)

IH11, MODEL 84-O, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	-5.054	1.824	3478.	44.89	387.3	212.2

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CP1/S1
23	1.0000	.00000	86.000	143.3	3.193	.4120-01	.2542	-8.608	-.2950-01
23	1.0000	.25000-01	83.000	115.5	2.574	.3320-01	.1824	-8.680	-.2100-01
23	1.0000	.40000	84.000	112.5	2.506	.3230-01	.1745	-8.688	-.2010-01
23	1.0000	.75600	85.000	30.38	.6767	.8700-02	-.3750-01	-8.900	.4200-02
23	2.0000	.00000	87.000	89.82	2.001	.580-01	.1160	-8.747	-.1330-01
23	2.0000	.25000-01	88.000	160.5	3.576	.4620-01	.2985	-8.564	-.3490-01
23	2.0000	.50000-01	89.000	187.6	4.179	.5390-01	.3684	-8.494	-.4340-01
23	2.0000	.10000*00	90.000	140.8	3.137	.4050-01	.2476	-8.615	-.2870-01
23	2.0000	.20000	91.000	96.92	2.159	.2790-01	.1343	-8.728	-.1540-01
23	2.0000	.40000	92.000	50.08	1.116	.1440-01	.1340-01	-8.849	-.1500-02
23	2.0000	.60000	93.000	39.17	.8728	.1130-01	-.1480-01	-8.877	-.1700-02
23	2.0000	.75600	94.000	34.69	.7728	.1000-01	-.2630-01	-8.889	.3000-02
23	3.0000	.00000	95.000	35.11	.7822	.1010-01	-.2520-01	-8.889	.2800-02
23	3.0000	.50000-01	96.000	63.52	1.415	.1830-01	.4810-01	-8.814	-.5500-02
23	3.0000	.30000	97.000	68.43	1.524	.1970-01	.6080-01	-8.802	-.6900-02
23	3.0000	.75600	98.000	65.97	1.470	.1900-01	.5440-01	-8.808	-.6200-02
23	3.0000		99.000	35.70	.7954	.1030-01	-.2370-01	-8.886	.2700-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 544

LEFT OMS POD

IH11. MODEL 84-0. LEFT OMS POD

(RG1012)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/F0	CP(I)	CP(SI)	CP/SI
28	1.0000	.0000	86.000	229.6	1.995	.1178	.2274	-3.431	-.6660-01
28	1.0000	.25000-01	83.000	237.5	2.063	.1218	.2411	-3.415	-.7150-01
28	1.0000	.40000	84.000	178.9	1.554	.9180-01	.1272	-3.532	-.3600-01
28	1.0000	.75600	85.000	77.64	.6746	.3980-01	-.7470-01	-3.734	.2000-01
28	2.0000	.0000	87.000	131.6	1.143	.6750-01	.3290-01	-3.627	-.9100-02
28	2.0000	.25000-01	88.000	176.2	1.531	.9040-01	.1218	-3.538	-.3440-01
28	2.0000	.50000-01	89.000	192.1	1.669	.9850-01	.1536	-3.506	-.4380-01
28	2.0000	.10000+00	90.000	147.2	1.279	.7550-01	.6410-01	-3.595	-.1780-01
28	2.0000	.20000	91.000	113.6	.9872	.5830-01	-.2900-02	-3.662	.8000-03
28	2.0000	.40000	92.000	69.01	.5996	.3540-01	-.9190-01	-3.751	.2450-01
28	2.0000	.60000	93.000	72.56	.6305	.3720-01	-.8480-01	-3.744	.2270-01
28	2.0000	.75600	94.000	81.62	.7092	.4190-01	-.6680-01	-3.726	.1790-01
28	2.0000	.91500	95.000	87.97	.7643	.4510-01	-.5410-01	-3.713	.1460-01
28	3.0000	.0000	96.000	115.7	1.006	.5940-01	.1300-02	-3.658	-.3000-03
28	3.0000	.50000-01	97.000	141.8	1.232	.7270-01	.5330-01	-3.606	-.1480-01
28	3.0000	.30000	98.000	131.6	1.144	.6750-01	.3300-01	-3.626	-.9100-02
28	3.0000	.75600	99.000	89.91	.7812	.4610-01	-.5020-01	-3.710	.1350-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 545
(RG1012)

IH11, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/FO	CP(1)	CP(S1)	CP1/S1
28	1.0000	.00000	86.000	211.1	1.835	.1084	.1918	-3.468	-.5530-01
28	1.0000	.25000-01	83.000	197.2	1.715	.1012	.1641	-3.495	-.4690-01
28	1.0000	.40000	84.000	145.0	1.260	.7440-01	.5980-01	-3.600	-.1660-01
28	1.0000	.75600	85.000	77.64	.6750	.3990-01	-.7460-01	-3.734	.2000-01
28	2.0000	.00000	87.000	155.3	1.350	.370-01	.8040-01	-3.579	-.2250-01
28	2.0000	.25000-01	88.000	205.2	1.784	.1053	.1800	-3.479	-.5170-01
28	2.0000	.50000-01	89.000	220.2	1.914	.1130	.2099	-3.449	-.6080-01
28	2.0000	.10000+00	90.000	176.0	1.531	.9040-01	.1218	-3.537	-.3440-01
28	2.0000	.20000	91.000	143.9	1.251	.7380-01	.5760-01	-3.602	-.1600-01
28	2.0000	.40000	92.000	85.86	.7464	.4410-01	.5820-01	-3.718	.1570-01
28	2.0000	.60000	93.000	67.22	.5844	.3450-01	-.9540-01	-3.755	.2540-01
28	2.0000	.75600	94.000	66.04	.5741	.3390-01	-.9780-01	-3.757	.2600-01
28	2.0000	.91500	95.000	70.95	.6168	.3640-01	-.8800-01	-3.747	.2350-01
28	3.0000	.00000	96.000	122.6	1.066	.6290-01	.1510-01	-3.644	-.4200-02
28	3.0000	.50000-01	97.000	116.4	1.168	.6900-01	.3860-01	-3.621	-.1070-01
28	3.0000	.30000	98.000	115.4	1.012	.5980-01	.2800-02	-3.657	-.8000-03
28	3.0000	.75600	99.000	84.93	.7383	.4360-01	-.6010-01	-3.719	.1620-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-0, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CP1/SI
28	1.0000	.00000	86.000	260.8	2.266	.1338	.2907	-3.369	-.6630-01
28	1.0000	.25000-01	83.000	176.9	1.537	.9070-01	.1233	-3.536	-.3490-01
28	1.0000	.40000	84.000	140.2	1.218	.7190-01	.5010-01	-3.609	-.1390-01
28	1.0000	.75600	85.000	71.77	.6237	.3680-01	-.8640-01	-3.746	-.2310-01
28	2.0000	.00000	87.000	164.4	1.429	.8440-01	.9850-01	-3.561	-.2770-01
28	2.0000	.25000-01	88.000	205.0	1.781	1.052	.1794	-3.480	-.5160-01
28	2.0000	.50000-01	89.000	220.8	1.919	.1133	.2110	-3.448	-.6120-01
28	2.0000	.10000+00	90.000	194.1	1.687	.9960-01	.1578	-3.502	-.4510-01
28	2.0000	.20000	91.000	156.6	1.361	.8040-01	.8290-01	-3.576	-.2320-01
28	2.0000	.40000	92.000	90.06	.7827	.4620-01	-.4990-01	-3.709	.1350-01
28	2.0000	.60000	93.000	64.48	.5604	.3310-01	-.1009	-3.760	.2680-01
28	2.0000	.75600	94.000	51.95	.4515	.2670-01	-.1259	-3.785	.3330-01
28	2.0000	.91500	95.000	58.39	.5074	.3000-01	-.1131	-3.772	.3000-01
28	3.0000	.00000	96.000	120.3	1.045	.6170-01	.1040-01	-3.649	-.2900-02
28	3.0000	.50000-01	97.000	93.19	.8099	.4780-01	-.4360-01	-3.703	.1180-01
28	3.0000	.30000	98.000	106.8	.9284	.5480-01	-.1640-01	-3.676	.4500-02
28	3.0000	.75600	99.000	74.14	.6443	.3800-01	-.8170-01	-3.741	.2180-01

DATE 01 OCT 80

LEFT OMS POD

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, LEFT OMS POD

PAGE 547
(RG1012)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(L) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
27	1.0000	.00000	86.000	180.3	2.656	.7350-01	.2647	-5.353	-.4950-01
27	1.0000	.25000-01	83.000	98.01	1.444	.4000-01	.7100-01	-5.547	-.1280-01
27	1.0000	.40000	84.000	80.56	1.187	.3280-01	.2990-01	-5.588	-.5300-02
27	1.0000	.75600	85.000	39.06	.5754	.1590-01	-.6790-01	-5.686	-.1190-01
27	2.0000	.00000	87.000	95.30	1.404	.3890-01	.6460-01	-5.553	-.1160-01
27	2.0000	.25000-01	88.000	118.2	1.741	.4820-01	.1185	-5.499	-.2150-01
27	2.0000	.50000-01	89.000	127.7	1.881	.5200-01	.1408	-5.477	-.2570-01
27	2.0000	.10000*00	90.000	114.0	1.680	.4650-01	.1087	-5.509	-.1970-01
27	2.0000	.20000	91.000	97.51	1.436	.3980-01	.6980-01	-5.548	-.1260-01
27	2.0000	.40000	92.000	56.85	.8374	.2320-01	-.2600-01	-5.644	.4600-02
27	2.0000	.60000	93.000	39.40	.5804	.1610-01	-.6710-01	-5.685	.1180-01
27	2.0000	.75600	94.000	30.93	.4556	.1260-01	-.8710-01	-5.705	.1530-01
27	3.0000	.91500	95.000	32.96	.4855	.1340-01	-.8230-01	-5.700	.1440-01
27	3.0000	.00000	96.000	71.75	1.057	.2930-01	.9100-02	-5.608	-.1600-02
27	3.0000	.50000-01	97.000	49.05	.7226	.2000-01	-.4440-01	-5.662	.7800-02
27	3.0000	.30000	98.000	58.46	.8611	.2380-01	-.2220-01	-5.640	.3900-02
27	3.0000	.75600	99.000	40.33	.5941	.1640-01	-.6490-01	-5.683	.1140-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 548

LEFT OMS POD

IH11, MODEL 84-0, LEFT OMS POD

(RG1012)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	.5383-01	1.976	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
27	1.0000	.00000	86.000	138.9	2.048	.5670-01	.1675	-5.450	-.3070-01
27	1.0000	.25000-01	83.000	124.0	1.829	.5060-01	.1325	-5.485	-.2420-01
27	1.0000	.40000	84.000	90.66	1.336	.3700-01	.5380-01	-5.564	-.9700-02
27	1.0000	.75600	85.000	45.86	.6761	.1870-01	-.5180-01	-5.669	-.9100-02
27	2.0000	.00000	87.000	94.54	1.394	.2660-01	.6290-01	-5.555	-.1130-01
27	2.0000	.25000-01	88.000	133.9	1.974	.5460-01	.1558	-5.462	-.2850-01
27	2.0000	.50000-01	89.000	150.4	2.217	.6140-01	.1946	-5.423	-.3590-01
27	2.0000	.10000+00	90.000	121.8	1.796	.4970-01	.1273	-5.490	-.2320-01
27	2.0000	.20000	91.000	94.97	1.400	.3870-01	.6390-01	-5.554	-.1150-01
27	2.0000	.40000	92.000	54.91	.8094	.2240-01	-.3050-01	-5.648	.5400-02
27	2.0000	.60000	93.000	40.12	.5914	.1640-01	-.6530-01	-5.683	.1150-01
27	2.0000	.75600	94.000	34.12	.5029	.1390-01	-.7950-01	-5.697	.1400-01
27	3.0000	.91500	95.000	36.74	.5416	.1500-01	-.7330-01	-5.691	.1290-01
27	3.0000	.00000	96.000	69.02	1.017	.2620-01	.2800-02	-5.615	-.5000-03
27	3.0000	.50000-01	97.000	77.56	1.143	.3160-01	.2290-01	-5.595	-.4100-02
27	3.0000	.30000	98.000	68.18	1.005	.2780-01	.8000-03	-5.617	-.1000-03
27	3.0000	.75600	99.000	50.34	.7421	.2050-01	-.4120-01	-5.659	.7300-02

ORIGINAL PAGE IS OF POOR QUALITY

DATE 01 OCT 80

LEFT OMS POD

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-O, LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
27	1.0000	.00000	86.000	148.8	2.194	.6070-01	.1909	-5.427	-.3520-01
27	1.0000	.25000-01	83.000	153.4	2.261	.6260-01	.2016	-5.416	-.3720-01
27	1.0000	.40000	84.000	113.1	1.667	.4610-01	.1066	-5.511	-.1930-01
27	1.0000	.75600	85.000	41.42	.6105	.1690-01	-.6230-01	-5.680	.1100-01
27	2.0000	.00000	87.000	75.39	1.111	.3080-01	.1780-01	-5.600	-.3200-02
27	2.0000	.25000-01	88.000	107.3	1.582	.4380-01	.9300-01	-5.525	-.1680-01
27	2.0000	.50000-01	89.000	121.0	1.783	.4930-01	.1252	-5.493	-.2280-01
27	2.0000	.10000+00	90.000	93.34	1.376	.3810-01	.6010-01	-5.558	-.1080-01
27	2.0000	.20000	91.000	67.42	.9938	.2750-01	-.1000-02	-5.619	-.2000-03
27	2.0000	.40000	92.000	35.66	.5256	.1450-01	-.7580-01	-5.693	.1330-01
27	2.0000	.60000	93.000	36.85	.5431	.1500-01	-.7310-01	-5.691	.1280-01
27	2.0000	.75600	94.000	36.93	.5444	.1510-01	-.7290-01	-5.691	.1280-01
27	2.0000	.91500	95.000	42.86	.6318	.1750-01	-.5890-01	-5.677	.1040-01
27	3.0000	.00000	96.000	58.02	.8552	.2370-01	-.2310-01	-5.641	-.4100-02
27	3.0000	.50000-01	97.000	74.46	1.097	.3040-01	.1560-01	-5.602	-.2800-02
27	3.0000	.30000	98.000	71.15	1.049	.2900-01	.7800-02	-5.610	-.1400-02
27	3.0000	.75600	99.000	47.94	.7067	.1960-01	-.4690-01	-5.665	-.8300-02

LEFT OMS POD

IH11, MODEL 84-0, LEFT OMS POD

(RG1012)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(S1)	CPI/SI
22	1.0000	.00000	86.000	100.4	2.239	.2890-01	.1435	-8.728	-.1640-01
22	1.0000	.25000-01	83.000	108.4	2.417	.3120-01	.1642	-8.707	-.1890-01
22	1.0000	.40000	84.000	78.82	1.758	.2270-01	.8780-01	-8.783	-.1000-01
22	1.0000	.75600	85.000	21.62	.4821	.6200-02	-.6000-01	-8.931	.6700-02
22	2.0000	.00000	87.000	44.48	.9920	.1280-01	-.9000-03	-8.872	.1000-03
22	2.0000	.25000-01	88.000	67.77	1.511	.1950-01	.5920-01	-8.812	-.6700-02
22	2.0000	.50000-01	89.000	77.46	1.728	.2230-01	.8420-01	-8.787	-.9600-02
22	2.0000	1.0000*00	90.000	59.19	1.320	.1700-01	.3710-01	-8.834	-.4200-02
22	2.0000	.20000	91.000	40.06	.8935	.1150-01	-.1230-01	-8.884	.1400-02
22	2.0000	.40000	92.000	18.90	.4215	.5400-02	-.6700-01	-8.938	.7500-02
22	2.0000	.60000	93.000	19.92	.4442	.5700-02	-.6440-01	-8.936	.7200-02
22	2.0000	.75600	94.000	18.05	.4025	.5200-02	-.6920-01	-8.940	.7700-02
22	2.0000	.91500	95.000	21.62	.4821	.6200-02	-.6000-01	-8.931	.6700-02
22	3.0000	.00000	96.000	32.24	.7191	.9300-02	-.3250-01	-8.904	.3700-02
22	3.0000	.50000-01	97.000	41.68	.9295	.1200-01	-.8200-02	-8.879	.9000-03
22	3.0000	.30000	98.000	41.51	.9257	.1190-01	-.8600-02	-8.880	.1000-02
22	3.0000	.75600	99.000	26.12	.5826	.7500-02	-.4830-01	-8.920	.5400-02

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-O, LEFT OMS POD

LEFT OMS POD

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-1991-01	1.834	3477.	44.85	387.1	211.3

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(I) PSFA	P1/P	P1/FO	CP(I)	CP(SI)	CPI/SI
22	1.0000	.00000	86.000	94.81	2.114	.2730-01	.1290	-8.736	-.1480-01
22	1.0000	.25000-01	83.000	85.83	1.914	.2470-01	.1059	-8.759	-.1210-01
22	1.0000	.40000	84.000	60.94	1.359	.1750-01	.4160-01	-8.824	-.4700-02
22	1.0000	.75600	85.000	25.97	.5789	.7500-02	-.4880-01	-8.914	.5500-02
22	2.0000	.00000	87.000	60.26	1.344	.1730-01	.3980-01	-8.825	-.4500-02
22	2.0000	.25000-01	88.000	93.03	2.074	.2680-01	.1245	-8.741	-.1420-01
22	2.0000	.50000-01	89.000	109.2	2.435	.3140-01	.1662	-8.699	-.1910-01
22	2.0000	.10000+00	90.000	89.14	1.987	.2560-01	.1144	-8.751	-.1310-01
22	2.0000	.20000	91.000	65.93	1.470	.1900-01	.5450-01	-8.811	-.6200-02
22	2.0000	.40000	92.000	73.59	.7488	.9700-02	-.2910-01	-8.894	.3300-02
22	2.0000	.60000	93.000	24.19	.5393	.7000-02	.5340-01	-8.919	.6000-02
22	2.0000	.75600	94.000	21.22	.4732	.6100-02	-.6100-01	-8.926	.6800-02
22	2.0000	.91500	95.000	22.75	.5072	.6500-02	-.5710-01	-8.922	.6400-02
22	3.0000	.00000	96.000	41.80	.9320	.1200-01	-.7900-02	-8.873	.9000-03
22	3.0000	.50000-01	97.000	48.66	1.085	.1400-01	.9800-02	-8.855	-.1100-02
22	3.0000	.30000	98.000	43.75	.9754	.1260-01	-.2900-02	-8.868	.3000-03
22	3.0000	.75600	99.000	29.86	.6658	.8600-02	-.3870-01	-8.904	.4300-02

LEFT OMS POD

IH11, MODEL 84-O, LEFT OMS POD

(RG1012)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST DATA

RUN NUMBER	RAY	X/LREF	TAP NO	P(1) PSFA	P1/P	P1/F0	CP(1)	CP(S1)	CP1/S1
22	1.0000	.00000	86.000	122.7	2.733	.3530-01	.2008	-8.663	-.2320-01
22	1.0000	.25000-01	83.000	66.87	1.490	.1920-01	.5680-01	-8.807	-.6400-02
22	1.0000	.40000	84.000	57.01	1.270	.1640-01	.3130-01	-8.833	-.3500-02
22	1.0000	.75600	85.000	28.69	.6394	.8300-02	-.4180-01	-8.906	-.4700-02
22	2.0000	.00000	87.000	70.41	1.569	.2020-01	.6590-01	-8.798	-.7500-02
22	2.0000	.25000-01	88.000	83.31	1.856	.2400-01	.9920-01	-8.765	-.1130-01
22	2.0000	.50000-01	89.000	91.06	2.029	.2620-01	.1192	-8.745	-.1360-01
22	2.0000	.10000+00	90.000	85.67	1.909	.2460-01	.1053	-8.759	-.1200-01
22	2.0000	.20000	91.000	73.53	1.639	.2110-01	.7400-01	-8.790	-.8400-02
22	2.0000	.40000	92.000	47.24	1.052	.1360-01	.6100-02	-8.858	-.7000-03
22	2.0000	.60000	93.000	33.67	.7502	.9700-02	-.2890-01	-8.893	.3300-02
22	2.0000	.75600	94.000	26.76	.5962	.7700-02	.4680-01	-8.911	.5300-02
22	2.0000	.91500	95.000	27.51	.6131	.7900-02	-.4480-01	-8.909	.5000-02
22	3.0000	.00000	96.000	57.60	1.284	.1660-01	.3290-01	-8.831	-.3700-02
22	3.0000	.50000-01	97.000	36.70	.8178	.1060-01	-.2110-01	-8.885	.2400-02
22	3.0000	.30000	98.000	41.93	.9342	.1210-01	-.7600-02	-8.872	.9000-03
22	3.0000	.75600	99.000	30.30	.6751	.8700-02	-.3760-01	-8.902	.4200-02

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R011)

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	-5.000	2.160	1945.	114.8	500.1	287.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
3	1.0000	100.00	367.58	3.202	.1890	.5055	-3.154	-.1603
3	1.0000	101.00	325.81	2.838	.1675	.4220	-3.238	-.1303
3	1.0000	102.00	498.96	4.346	.2566	.7682	-2.891	-.2657
3	1.0000	103.00	419.25	3.652	.2156	.6088	-3.051	-.1996
3	1.0000	104.00	301.84	2.629	.1552	.3740	-3.285	-.1138
3	1.0000	105.00	345.21	3.007	.1775	.4608	-3.199	-.1440
3	1.0000	106.00	324.63	2.828	.1669	.4196	-3.240	-.1295
3	1.0000	107.00	305.74	2.663	.1572	.3818	-3.278	-.1165
3	1.0000	108.00	325.39	2.834	.1673	.4211	-3.238	-.1300
3	1.0000	109.00	282.87	2.464	.1454	.3361	-3.323	-.1011
3	1.0000	110.00	282.10	2.457	.1451	.3346	-3.325	-.1006
3	1.0000	111.00	249.66	2.175	.1284	.2697	-3.390	-.7960-01
3	1.0000	112.00	296.08	2.579	.1522	.3625	-3.297	-.1099

IHI1, MODEL 84-OTS, FORWARD RCS

(RGIR01)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	.4009-02	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
3	1.0000	100.00	287.29	2.501	.1477	.3447	-3.315	-.1040
3	1.0000	101.00	258.92	2.254	.1331	.2879	-3.372	-.8540-01
3	1.0000	102.00	400.70	3.489	.2059	.5714	-3.088	-.1850
3	1.0000	103.00	347.09	3.022	.1784	.4642	-3.195	-.1453
3	1.0000	104.00	243.08	2.116	.1249	.2563	-3.403	-.7530-01
3	1.0000	105.00	279.25	2.431	.1435	.3286	-3.331	-.9860-01
3	1.0000	106.00	297.54	2.590	.1529	.3651	-3.294	-.1108
3	1.0000	107.00	271.62	2.365	.1396	.3133	-3.346	-.9360-01
3	1.0000	108.00	323.54	2.817	.1663	.4171	-3.242	-.1286
2	1.0000	109.00	260.19	2.265	.1337	.2905	-3.369	-.8620-01
3	1.0000	110.00	253.84	2.210	.1305	.2778	-3.382	-.8210-01
3	1.0000	111.00	218.85	1.905	.1125	.2079	-3.452	-.6020-01
3	1.0000	112.00	265.86	2.315	.1366	.3018	-3.358	-.8990-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIR01)

IH11. MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
3	2.495	5.016	2.161	1946.	114.9	500.3	287.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
3	1.0000	100.00	232.07	2.021	.1193	.2343	-3.425	-.6840-01
3	1.0000	101.00	202.59	1.764	.1041	.1754	-3.484	-.5030-01
3	1.0000	102.00	328.88	2.863	.1690	.4278	-3.232	-.1324
3	1.0000	103.00	280.01	2.438	.1439	.3301	-3.329	-.9920-01
3	1.0000	104.00	195.22	1.700	.1003	.1607	-3.499	-.4590-01
3	1.0000	105.00	223.26	1.944	.1148	.2167	-3.443	-.6290-01
3	1.0000	106.00	287.46	2.503	.1477	.3450	-3.315	-.1041
3	1.0000	107.00	251.21	2.187	.1291	.2726	-3.387	-.8050-01
3	1.0000	108.00	324.73	2.827	.1669	.4195	-3.240	-.1295
3	1.0000	109.00	248.92	2.167	.1279	.2680	-3.391	-.7900-01
3	1.0000	110.00	260.36	2.267	.1338	.2909	-3.369	-.8630-01
3	1.0000	111.00	253.92	2.211	.1305	.2780	-3.382	-.8220-01
3	1.0000	112.00	272.98	2.377	.1403	.3161	-3.343	-.9450-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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IHI1. MODEL 84-OTS. FORWARD RCS

(RGIR01)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	5.010	1.966	2449.	67.80	424.0	241.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
9	1.0000	100.00	156.06	2.302	.6370-01	.2082	-5.409	-.3850-01
9	1.0000	101.00	144.95	2.138	.5920-01	.1820	-5.435	-.3350-01
9	1.0000	102.00	202.51	2.987	.8270-01	.3178	-5.299	-.6000-01
9	1.0000	103.00	197.34	2.911	.8060-01	.3056	-5.311	-.5750-01
9	1.0000	104.00	135.04	1.992	.5510-01	.1586	-5.458	-.2910-01
9	1.0000	105.00	151.65	2.237	.6130-01	.1978	-5.419	-.3650-01
9	1.0000	106.00	172.42	2.543	.7040-01	.2468	-5.370	-.4600-01
9	1.0000	107.00	170.98	2.522	.6980-01	.2434	-5.373	-.4530-01
9	1.0000	108.00	222.61	3.283	.9090-01	.3652	-5.252	-.6950-01
9	1.0000	109.00	165.81	2.446	.6770-01	.2312	-5.386	-.4290-01
9	1.0000	110.00	162.33	2.394	.6630-01	.2230	-5.394	-.4130-01
9	1.0000	111.00	137.58	2.029	.5620-01	.1646	-5.452	-.3020-01
9	1.0000	112.00	169.20	2.496	.6910-01	.2392	-5.377	-.4450-01

FORWARD RCS

IH11, MODEL 84-OTS, FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSF.A	P PSFA	Q PSF	TO DEG R
9	2.989	-4.988	1.987	2451.	67.80	424.1	239.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
9	1.0000	100.00	245.93	3.627	.1004	.4201	-5.199	-.8080-01
9	1.0000	101.00	244.07	3.600	.9360-01	.4157	-5.203	-.7990-01
9	1.0000	102.00	380.08	5.606	.1551	.7364	-4.882	-.1508
9	1.0000	103.00	322.61	4.758	.1316	.6009	-5.018	-.1197
9	1.0000	104.00	222.74	3.285	.9090-01	.3554	-5.253	-.6950-01
9	1.0000	105.00	256.26	3.780	.1046	.4444	-5.174	-.8590-01
9	1.0000	106.00	233.49	3.444	.9530-01	.3907	-5.228	-.7470-01
9	1.0000	107.00	218.85	3.228	.8930-01	.3562	-5.263	-.6770-01
9	1.0000	108.00	263.62	3.888	.1076	.4618	-5.157	-.8950-01
9	1.0000	109.00	202.77	2.991	.8270-01	.3183	-5.300	-.6000-01
9	1.0000	110.00	203.87	3.007	.8320-01	.3209	-5.298	-.6060-01
9	1.0000	111.00	177.88	2.624	.7260-01	.2596	-5.359	-.4840-01
9	1.0000	112.00	213.52	3.149	.8710-01	.3436	-5.275	-.6510-01

IH11, MODEL 84-OTS, FORWARD RCS

(RGIR01)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
9	2.989	.1397-01	1.986	2449.	67.75	423.8	239.6

TEST CONDITIONS

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
9	1.0000	100.00	195.61	2.887	.7990-01	.3017	-5.317	-.5670-01
9	1.0000	101.00	185.20	2.734	.7560-01	.2772	-5.341	-.5190-01
9	1.0000	102.00	271.09	4.001	.1107	.4798	-5.139	-.9340-01
9	1.0000	103.00	251.97	3.719	.1029	.4347	-5.184	-.8390-01
9	1.0000	104.00	171.74	2.535	.7010-01	.2454	-5.373	-.4570-01
9	1.0000	105.00	196.03	2.893	.8010-01	.3027	-5.316	-.5690-01
9	1.0000	106.00	198.15	2.925	.8090-01	.3077	-5.311	-.5790-01
9	1.0000	107.00	191.21	2.822	.7810-01	.2913	-5.327	-.5470-01
9	1.0000	108.00	231.91	3.423	.9470-01	.3874	-5.231	-.7410-01
9	1.0000	109.00	179.27	2.646	.7320-01	.2632	-5.355	-.4910-01
9	1.0000	110.00	177.67	2.622	.7260-01	.2594	-5.359	-.4840-01
9	1.0000	111.00	154.23	2.276	.6300-01	.2041	-5.415	-.3770-01
9	1.0000	112.00	186.38	2.751	.7610-01	.2799	-5.339	-.5240-01

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FORWARD RCS

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-OTS, FORWARD RCS

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(RG/R01)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
9	2.989	4.983	1.986	2451.	67.82	424.2	239.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
9	1.0000	100.00	156.64	2.310	.6390-01	.2094	-5.409	-.3870-01
9	1.0000	101.00	140.05	2.065	.5710-01	.1703	-5.448	-.3130-01
9	1.0000	102.00	203.36	2.999	.8300-01	.3195	-5.299	-.6030-01
9	1.0000	103.00	199.30	2.939	.8130-01	.3099	-5.309	-.5840-01
9	1.0000	104.00	135.23	1.994	.5520-01	.1589	-5.460	-.2910-01
9	1.0000	105.00	157.91	2.255	.6240-01	.2006	-5.418	-.3700-01
9	1.0000	106.00	175.17	2.583	.7150-01	.2531	-5.366	-.4720-01
9	1.0000	107.00	171.20	2.524	.6980-01	.2437	-5.375	-.4530-01
9	1.0000	108.00	221.89	3.272	.9050-01	.3632	-5.255	-.6910-01
9	1.0000	109.00	165.95	2.447	.6770-01	.2313	-5.387	-.4290-01
9	1.0000	110.00	162.56	2.397	.6630-01	.2234	-5.395	-.4140-01
9	1.0000	111.00	137.51	2.028	.5610-01	.1643	-5.454	-.3010-01
9	1.0000	112.00	169.84	2.504	.6930-01	.2405	-5.378	-.4470-01

IH11, MODEL 84-OTS, FORWARD RCS

(R61R01)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-4.970	1.808	3477.	44.92	387.5	213.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
6	1.0000	100.00	225.14	5.012	.6470-01	.4651	-8.393	-5540-01
6	1.0000	101.00	211.42	4.706	.6080-01	.4297	-8.428	-5100-01
6	1.0000	102.00	317.97	7.078	.9140-01	.7046	-8.153	-8640-01
6	1.0000	103.00	287.98	6.411	.8280-01	.6273	-8.231	-7620-01
6	1.0000	104.00	196.77	4.380	.5660-01	.3919	-8.466	-4630-01
6	1.0000	105.00	223.19	4.969	.6420-01	.4601	-8.398	-5480-01
6	1.0000	106.00	203.80	4.537	.5860-01	.4100	-8.448	-4850-01
6	1.0000	107.00	197.11	4.388	.5670-01	.3927	-8.465	-4640-01
6	1.0000	108.00	244.70	5.447	.7040-01	.5156	-8.342	-6180-01
6	1.0000	109.00	182.88	4.071	.5260-01	.3560	-8.502	-4190-01
6	1.0000	110.00	177.46	3.950	.5100-01	.3420	-8.516	-4020-01
6	1.0000	111.00	151.62	3.375	.4360-01	.2754	-8.583	-3210-01
6	1.0000	112.00	185.08	4.120	.5320-01	.3617	-8.496	-4260-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	-5379-01	1.804	3476.	44.91	387.4	213.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
6	1.0000	100.00	169.86	3.782	.4890-01	.3225	-8.535	-.3780-01
6	1.0000	101.00	150.82	3.358	.4340-01	.2734	-8.584	-.3180-01
6	1.0000	102.00	219.45	4.886	.6310-01	.4506	-8.406	-.5360-01
6	1.0000	103.00	211.84	4.717	.6090-01	.4309	-8.426	-.5110-01
6	1.0000	104.00	143.88	3.204	.4140-01	.555	-8.602	-.2970-01
6	1.0000	105.00	161.39	3.594	.4640-01	.3007	-8.556	-.3510-01
6	1.0000	106.00	169.01	3.763	.4860-01	.3203	-8.537	-.3750-01
6	1.0000	107.00	166.47	3.707	.4790-01	.3138	-8.543	-.3670-01
6	1.0000	108.00	207.44	4.619	.5970-01	.4195	-8.438	-.4970-01
6	1.0000	109.00	153.95	3.428	.4430-01	.2815	-8.576	-.3280-01
6	1.0000	110.00	149.55	3.330	.4300-01	.2701	-8.587	-.3150-01
6	1.0000	111.00	126.61	2.819	.3640-01	.2109	-8.646	-.2440-01
6	1.0000	112.00	155.30	3.458	.4470-01	.2850	-8.572	-.3320-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(R61R01)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
6	3.510	5.024	1.804	3474.	44.89	387.2	213.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
6	1.0000	100.00	120.95	2.694	.3480-01	.1964	-8.661	-.2270-01
6	1.0000	101.00	111.38	2.481	.3210-01	.1717	-8.685	-.1980-01
6	1.0000	102.00	166.62	3.712	.4800-01	.3144	-8.543	-.3680-01
6	1.0000	103.00	151.28	3.370	.4350-01	.2748	-8.582	-.3200-01
6	1.0000	104.00	104.34	2.324	.3000-01	.1535	-8.704	-.1760-01
6	1.0000	105.00	115.36	2.570	.3320-01	.1820	-8.675	-.2100-01
6	1.0000	106.00	140.18	3.123	.4030-01	.2461	-8.611	-.2860-01
6	1.0000	107.00	142.47	3.174	.4100-01	.2520	-8.605	-.2930-01
6	1.0000	108.00	176.87	3.940	.5090-01	.3409	-8.516	-.4000-01
6	1.0000	109.00	132.47	2.951	.3810-01	.2282	-8.631	-.2620-01
6	1.0000	110.00	129.59	2.887	.3730-01	.2188	-8.638	-.2530-01
6	1.0000	111.00	109.34	2.436	.3150-01	.1665	-8.691	-.1920-01
6	1.0000	112.00	134.34	2.993	.3870-01	.2310	-8.626	-.2680-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

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(RG1R02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	5.028	2.160	1945.	114.8	500.2	287.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
2	1.0000	100.00	221.57	1.930	.1139	.2134	-3.446	-.6190-01
2	1.0000	101.00	217.09	1.891	.1116	.2045	-3.455	-.5920-01
2	1.0000	102.00	374.94	3.255	.1928	.5201	-3.139	-.1657
2	1.0000	103.00	283.92	2.473	.1460	.3381	-3.322	-.1018
2	1.0000	104.00	196.62	1.712	.1011	.1635	-3.496	-.4680-01
2	1.0000	105.00	224.28	1.953	.1153	.2188	-3.441	-.6360-01
2	1.0000	106.00	288.65	2.514	.1484	.3475	-3.312	-.1049
2	1.0000	107.00	372.91	1.991	.1175	.2275	-3.432	-.6630-01
2	1.0000	108.00	235.19	3.248	.1917	.5160	-3.144	-.1642
2	1.0000	109.00	229.02	2.048	.1209	.2407	-3.419	-.7040-01
2	1.0000	110.00	199.24	1.994	.1177	.2283	-3.431	-.6650-01
2	1.0000	111.00	249.49	1.735	.1024	.1688	-3.491	-.4830-01
2	1.0000	112.00	249.49	2.173	.1283	.2692	-3.390	-.7940-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R02)

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-.2788-01	2.160	1946.	114.9	500.3	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
2	1.0000	100.00	279.79	2.436	.1438	.3297	-3.330	-.9900-01
2	1.0000	101.00	271.91	2.368	.1398	.3140	-3.346	-.9380-01
2	1.0000	102.00	450.47	3.922	.2315	.6709	-2.989	-.2245
2	1.0000	103.00	353.28	3.076	.1816	.4766	-3.183	-.1497
2	1.0000	104.00	247.19	2.152	.1271	.2645	-3.395	-.7790-01
2	1.0000	105.00	283.26	2.466	.1456	.3366	-3.323	-.1013
2	1.0000	106.00	220.52	1.920	.1133	.2112	-3.448	-.6130-01
2	1.0000	107.00	216.29	1.883	.1112	.2028	-3.457	-.5870-01
2	1.0000	108.00	260.32	2.266	.1338	.2908	-3.359	-.8630-01
2	1.0000	109.00	202.15	1.760	.1039	.1745	-3.485	-.5010-01
2	1.0000	110.00	201.81	1.757	.1037	.1738	-3.486	-.4990-01
2	1.0000	111.00	178.19	1.551	.9160-01	.1266	-3.533	-.3580-01
2	1.0000	112.00	211.29	1.840	.1086	.1928	-3.467	-.5560-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R02)

IH11. MODEL 84-OTS. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
2	2.495	-4.996	2.162	1946.	114.9	500.4	287.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
2	1.0000	100.00	372.48	3.242	.1914	.5148	-3.145	-.1637
2	1.0000	101.00	327.41	2.850	.1682	.4247	-3.235	-.1313
2	1.0000	102.00	576.71	5.020	.2964	.9230	-2.737	-.3373
2	1.0000	103.00	431.76	3.759	.2219	.6333	-3.026	-.2093
2	1.0000	104.00	307.96	2.681	.1582	.3559	-3.274	-.1179
2	1.0000	105.00	351.68	3.061	.1807	.4732	-3.186	-.1485
2	1.0000	106.00	252.56	2.199	.1298	.2752	-3.384	-.8130-01
2	1.0000	107.00	244.61	2.129	.1257	.2593	-3.400	-.7630-01
2	1.0000	108.00	297.98	2.594	.1531	.3659	-3.294	-.1111
2	1.0000	109.00	227.02	1.976	.1167	.2241	-3.435	-.6520-01
2	1.0000	110.00	224.66	1.956	.1154	.2194	-3.440	-.6380-01
2	1.0000	111.00	195.99	1.706	.1007	.1621	-3.498	-.4630-01
2	1.0000	112.00	236.07	2.055	.1213	.2422	-3.417	-.7090-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	5.010	1.990	2453.	67.87	424.6	239.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
8	1.0000	100.00	151.29	2.229	.6170-01	.1965	-5.423	-.3620-01
8	1.0000	101.00	146.56	2.159	.5970-01	.1853	-5.434	-.3410-01
8	1.0000	102.00	256.69	3.782	.1046	.4447	-5.174	-.8600-01
8	1.0000	103.00	195.50	2.880	.7970-01	.2006	-5.318	-.5650-01
8	1.0000	104.00	133.63	1.969	.5450-01	.1549	-5.464	-.2830-01
8	1.0000	105.00	150.11	2.212	.6120-01	.1937	-5.425	-.3570-01
8	1.0000	106.00	129.91	1.914	.5290-01	.1461	-5.473	-.2670-01
8	1.0000	107.00	127.46	1.878	.5190-01	.1403	-5.479	-.2560-01
8	1.0000	108.00	214.01	3.153	.8720-01	.3442	-5.275	-.6530-01
8	1.0000	109.00	126.19	1.859	.5140-01	.1374	-5.482	-.2510-01
8	1.0000	110.00	136.08	2.005	.5550-01	.1606	-5.458	-.2940-01
8	1.0000	111.00	109.20	1.609	.4450-01	.9730-01	-5.522	-.1760-01
8	1.0000	112.00	142.76	2.103	.5820-01	.1764	-5.443	-.3240-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-OTS. FORWARD RCS

(RG1R02)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	.1397-01	1.988	2451.	67.81	424.2	239.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
8	1.0000	100.00	191.90	2.830	.7830-01	.2926	-5.326	-.5490-01
8	1.0000	101.00	188.26	2.776	.7680-01	.2840	-5.335	-.5320-01
8	1.0000	102.00	334.11	4.927	.1363	.6278	-4.991	-.1258
8	1.0000	103.00	252.63	3.725	.1031	.4357	-5.183	-.8410-01
8	1.0000	104.00	170.47	2.514	.6950-01	.420	-5.377	-.4500-01
8	1.0000	105.00	194.86	2.874	.7950-01	.2995	-5.319	-.5630-01
8	1.0000	106.00	143.62	2.118	.5860-01	.1787	-5.440	-.3290-01
8	1.0000	107.00	141.76	2.090	.5780-01	.1743	-5.445	-.3200-01
8	1.0000	108.00	184.61	2.722	.7530-01	.2754	-5.344	-.5150-01
8	1.0000	109.00	131.51	1.939	.5370-01	.1502	-5.469	-.2750-01
8	1.0000	110.00	128.88	1.901	.5260-01	.1440	-5.475	-.2630-01
8	1.0000	111.00	109.83	1.620	.4480-01	.9910-01	-5.520	-.1790-01
8	1.0000	112.00	134.30	1.981	.5480-01	.1568	-5.462	-.2870-01

FORWARD RCS

IH11. MODEL 84-OTS. FORWARD RCS

(RG1R02)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
8	2.989	-5.000	1.985	2448.	67.75	423.7	239.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
8	1.0000	100.00	250.54	3.698	.1023	.4314	-5.187	-.8320-01
8	1.0000	101.00	245.72	3.627	.1004	.4200	-5.198	-.8080-01
8	1.0000	102.00	423.32	6.249	.1729	.8392	-4.779	-.1756
8	1.0000	103.00	325.10	4.799	.1328	.6073	-5.011	-.1212
8	1.0000	104.00	222.56	3.285	.9090-01	.5654	-5.253	-.6960-01
8	1.0000	105.00	255.44	3.771	.1043	.4430	-5.175	-.8560-01
8	1.0000	106.00	169.56	2.503	.6930-01	.2403	-5.378	-.4470-01
8	1.0000	107.00	165.42	2.442	.6760-01	.2305	-5.368	-.4280-01
8	1.0000	108.00	217.57	3.212	.8890-01	.3536	-5.265	-.6720-01
8	1.0000	109.00	155.95	2.302	.6370-01	.2082	-5.410	-.3850-01
8	1.0000	110.00	148.17	2.187	.6050-01	.1898	-5.429	-.3500-01
8	1.0000	111.00	131.02	1.934	.5350-01	.1493	-5.469	-.2730-01
8	1.0000	112.00	157.05	2.318	.6410-01	.2108	-5.408	-.3900-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.511	5.008	1.812	3479.	44.93	387.6	213.4

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
5	1.0000	100.00	121.35	2.701	.3490-01	.1972	-8.662	-.2280-01
5	1.0000	101.00	114.74	2.554	.3300-01	.1801	-8.679	-.2080-01
5	1.0000	102.00	182.66	4.066	.5250-01	.3554	-8.504	-.4180-01
5	1.0000	103.00	147.35	3.280	.4240-01	.2642	-8.595	-.3070-01
5	1.0000	104.00	105.43	2.347	.3030-01	.1561	-8.703	-.1790-01
5	1.0000	105.00	114.49	2.548	.3290-01	.1795	-8.680	-.2070-01
5	1.0000	106.00	93.740	2.086	.2690-01	.1259	-8.733	-.1440-01
5	1.0000	107.00	98.820	2.200	.2840-01	.1391	-8.720	-.1590-01
5	1.0000	108.00	120.08	2.673	.3450-01	.1939	-8.665	-.2240-01
5	1.0000	109.00	90.610	2.017	.2600-01	.1179	-8.741	-.1350-01
5	1.0000	110.00	93.070	2.071	.2680-01	.1242	-8.735	-.1420-01
5	1.0000	111.00	70.710	1.574	.2030-01	.6850-01	-8.793	-.7600-02
5	1.0000	112.00	92.810	2.066	.2670-01	.1235	-8.736	-.1410-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R02)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
5	3.510	.1597-01	1.807	3478.	44.93	387.6	213.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
5	1.0000	100.00	165.13	3.675	.4750-01	.3101	-8.548	-.3630-01
5	1.0000	101.00	156.83	3.490	.4510-01	.2887	-8.569	-.3370-01
5	1.0000	102.00	223.76	4.980	.6430-01	.4614	-8.396	-.5490-01
5	1.0000	103.00	212.41	4.727	.6110-01	.4321	-8.426	-.5130-01
5	1.0000	104.00	142.51	3.172	.4100-01	.2518	-8.606	-.2930-01
5	1.0000	105.00	160.14	3.564	.4600-01	.2972	-8.560	-.3470-01
5	1.0000	106.00	117.61	2.617	.3380-01	.1875	-8.670	-.2160-01
5	1.0000	107.00	119.73	2.664	.3440-01	.1930	-8.665	-.2230-01
5	1.0000	108.00	185.55	4.129	.5330-01	.3628	-8.495	-.4270-01
5	1.0000	109.00	111.00	2.470	.3190-01	.1704	-8.687	-.1960-01
5	1.0000	110.00	112.69	2.508	.3240-01	.1748	-8.683	-.2010-01
5	1.0000	111.00	85.160	1.895	.2450-01	.1038	-8.754	-.1190-01
5	1.0000	112.00	113.88	2.534	.3270-01	.1779	-8.680	-.2050-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
5	3.510	-4.962	1.807	3478.	44.94	387.6	213.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
5	1.0000	100.00	219.24	4.879	.6300-01	.4497	-8.408	-.5350-01
5	1.0000	101.00	216.78	4.824	.6230-01	.4433	-8.414	-.5270-01
5	1.0000	102.00	379.48	8.445	.1091	.8630	-7.995	-.1080
5	1.0000	103.00	290.67	6.469	.8360-01	.6339	-8.224	-.7710-01
5	1.0000	104.00	196.36	4.370	.5650-01	.3906	-8.467	-.4610-01
5	1.0000	105.00	223.56	4.975	.6430-01	.4608	-8.397	-.5490-01
5	1.0000	106.00	147.72	3.287	.4250-01	.2652	-8.593	-.3090-01
5	1.0000	107.00	145.86	3.246	.4190-01	.2604	-8.597	-.3030-01
5	1.0000	108.00	231.53	5.152	.6660-01	.4814	-8.376	-.5750-01
5	1.0000	109.00	139.16	3.097	.4000-01	.2431	-8.615	-.2820-01
5	1.0000	110.00	136.20	3.031	.3920-01	.2354	-8.622	-.2730-01
5	1.0000	111.00	106.03	2.359	.3050-01	.1576	-8.700	-.1810-01
5	1.0000	112.00	140.01	3.116	.4030-01	.2453	-8.612	-.2850-01

FORWARD RCS

IH11, MODEL 84-OTS, FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	-4.988	2.191	1946.	114.8	500.2	285.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
1	1.0000	100.00	366.40	3.191	.1883	.5030	-3.158	-.1593
1	1.0000	101.00	329.67	2.871	.1694	.4295	-3.231	-.1329
1	1.0000	102.00	553.00	4.817	.2842	.8760	-2.785	-.3146
1	1.0000	103.00	425.97	3.710	.2189	.6221	-3.039	-.2047
1	1.0000	104.00	304.71	2.654	.1566	.3796	-3.281	-.1157
1	1.0000	105.00	347.70	3.028	.1787	.4656	-3.195	-.1457
1	1.0000	106.00	192.92	1.680	.9910-01	.1561	-3.505	-.4460-01
1	1.0000	107.00	188.60	1.643	.9690-01	.1475	-3.513	-.4200-01
1	1.0000	108.00	247.75	2.158	.1273	.2658	-3.395	-.7830-01
1	1.0000	109.00	178.19	1.552	.9160-01	.1267	-3.534	-.3590-01
1	1.0000	110.00	169.81	1.479	.8730-01	.1100	-3.551	-.3100-01
1	1.0000	111.00	151.03	1.316	.7760-01	.7240-01	-3.588	-.2020-01
1	1.0000	112.00	181.41	1.580	.9320-01	.1331	-3.528	-.3770-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

FORWARD RCS

IH11, MODEL 84-OTS, FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.494	-1.193-01	2.155	1945.	114.8	500.2	288.4

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
1	1.0000	100.00	283.09	2.465	.1455	.3364	-3.323	-.1012
1	1.0000	101.00	265.86	2.315	.1367	.3019	-3.357	-.8990-01
1	1.0000	102.00	375.40	3.269	.1930	.5209	-3.138	-.1660
1	1.0000	103.00	339.99	2.961	.1748	.4501	-3.209	-.1403
1	1.0000	104.00	241.91	2.106	.1244	.2540	-3.405	-.7460-01
1	1.0000	105.00	273.41	2.381	.1406	.3170	-3.342	-.9490-01
1	1.0000	106.00	161.58	1.407	.8310-01	.9340-01	-3.566	-.2620-01
1	1.0000	107.00	164.12	1.429	.8440-01	.9850-01	-3.561	-.2770-01
1	1.0000	108.00	211.51	1.842	.1087	.1933	-3.466	-.5680-01
1	1.0000	109.00	153.85	1.340	.7910-01	.7800-01	-3.581	-.2180-01
1	1.0000	110.00	153.25	1.334	.7880-01	.7680-01	-3.583	-.2140-01
1	1.0000	111.00	132.70	1.155	.6820-01	.3570-01	-3.624	-.9900-02
1	1.0000	112.00	160.13	1.394	.8230-01	.9050-01	-3.569	-.2540-01

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
1	2.495	5.028	2.160	1946.	114.9	500.4	287.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
1	1.0000	100.00	228.98	1.993	.1177	.2281	-3.431	-.6650-01
1	1.0000	101.00	212.32	1.848	.1091	.1947	-3.465	-.5620-01
1	1.0000	102.00	289.81	2.523	.1489	.3496	-3.310	-.1056
1	1.0000	103.00	275.68	2.400	.1417	.3214	-3.338	-.9630-01
1	1.0000	104.00	195.65	1.703	.1005	.1614	-3.498	-.4610-01
1	1.0000	105.00	219.08	1.907	.1126	.2083	-3.451	-.6030-01
1	1.0000	106.00	157.75	1.373	.8110-01	.8570-01	-3.574	-.2400-01
1	1.0000	107.00	161.89	1.409	.8320-01	.9400-01	-3.566	-.2640-01
1	1.0000	108.00	198.44	1.728	.1020	.1670	-3.493	-.4780-01
1	1.0000	109.00	166.12	1.446	.8540-01	.1024	-3.557	-.2880-01
1	1.0000	110.00	172.38	1.501	.8860-01	.1149	-3.545	-.3240-01
1	1.0000	111.00	155.47	1.353	.7990-01	.8110-01	-3.578	-.2270-01
1	1.0000	112.00	178.90	1.557	.9190-01	.1280	-3.532	-.3620-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R03)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-4.961	2.024	2451.	67.74	423.9	236.4

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
7	1.0000	100.00	254.89	3.763	.1040	.4415	-5.181	-.8520-01
7	1.0000	101.00	239.52	3.536	.9770-01	.4052	-5.217	-.7770-01
7	1.0000	102.00	369.15	5.450	.1506	.7110	-4.911	-.1448
7	1.0000	103.00	322.54	4.762	.1316	.6011	-5.021	-.1197
7	1.0000	104.00	221.36	3.268	.9030-01	.3624	-5.260	-.6890-01
7	1.0000	105.00	253.19	3.738	.1033	.4375	-5.185	-.8440-01
7	1.0000	106.00	129.26	1.908	.5270-01	.1451	-5.477	-.2650-01
7	1.0000	107.00	124.16	1.833	.5070-01	.1331	-5.489	-.2420-01
7	1.0000	108.00	174.92	2.582	.7140-01	.2528	-5.370	-.4710-01
7	1.0000	109.00	121.53	1.794	.4960-01	.1269	-5.496	-.2310-01
7	1.0000	110.00	111.00	1.639	.4530-01	.1021	-5.520	-.1850-01
7	1.0000	111.00	95.810	1.414	.3910-01	.6620-01	-5.556	-.1190-01
7	1.0000	112.00	117.88	1.740	.4810-01	.1183	-5.504	-.2150-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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FORWARD RCS

IHI1, MODEL 84-OTS, FORWARD RCS

(RG1R03)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.990	-3186-01	2.017	2453.	67.80	424.2	237.1

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
7	1.0000	100.00	201.30	2.969	.8210-01	.3147	-5.307	-.5930-01
7	1.0000	101.00	188.60	2.782	.7690-01	.2847	-5.337	-.5340-01
7	1.0000	102.00	268.54	3.961	.1095	.4732	-5.149	-.9190-01
7	1.0000	103.00	251.60	3.711	.1026	.4333	-5.188	-.8350-01
7	1.0000	104.00	172.76	2.548	.7040-01	.2474	-5.374	-.4600-01
7	1.0000	105.00	195.79	2.888	.7980-01	.3017	-5.320	-.5670-01
7	1.0000	106.00	105.35	1.554	.4290-01	.8850-01	-5.533	-.1600-01
7	1.0000	107.00	106.53	1.571	.4340-01	.9130-01	-5.530	-.1650-01
7	1.0000	108.00	131.35	1.937	.5350-01	.1498	-5.472	-.2740-01
7	1.0000	109.00	102.97	1.519	.4200-01	.8290-01	-5.539	-.1500-01
7	1.0000	110.00	94.340	1.391	.3850-01	.6260-01	-5.559	-.1130-01
7	1.0000	111.00	80.620	1.189	.3290-01	.3020-01	-5.591	-.5400-02
7	1.0000	112.00	99.250	1.464	.4050-01	.7410-01	-5.548	-.1340-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(R61R03)

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT. /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.993	1.997	2452.	67.81	424.2	238.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
7	1.0000	100.00	149.88	2.210	.6110-01	.1935	-5.426	-.3570-01
7	1.0000	101.00	147.17	2.170	.6000-01	.1871	-5.433	-.3440-01
7	1.0000	102.00	216.19	3.188	.8820-01	.3498	-5.270	-.6640-01
7	1.0000	103.00	199.42	2.941	.8130-01	.3103	-5.309	-.5840-01
7	1.0000	104.00	136.50	2.013	.5570-01	.1619	-5.458	-.2970-01
7	1.0000	105.00	153.01	2.257	.6240-01	.2009	-5.419	-.3710-01
7	1.0000	106.00	91.700	1.352	.3740-01	.5630-01	-5.563	-.1010-01
7	1.0000	107.00	91.870	1.355	.3750-01	.5670-01	-5.563	-.1020-01
7	1.0000	108.00	114.06	1.682	.4650-01	.1090	-5.511	-.1980-01
7	1.0000	109.00	89.330	1.317	.3640-01	.5070-01	-5.569	-.9100-02
7	1.0000	110.00	95.760	1.412	.3910-01	.6590-01	-5.554	-.1190-01
7	1.0000	111.00	78.490	1.157	.3200-01	.2520-01	-5.595	-.4500-02
7	1.0000	112.00	100.08	1.475	.4080-01	.7610-01	-5.544	-.1370-01

IH11, MODEL 84-OTS, FORWARD RCS

(RG1R03)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
7	2.989	4.984	1.997	2452.	67.83	424.3	238.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
7	1.0000	100.00	150.21	2.215	.6130-01	.1942	-5.426	-.3580-01
7	1.0000	101.00	146.99	2.167	.5990-01	.1866	-5.433	-.3430-01
7	1.0000	102.00	217.42	3.205	.8870-01	.3525	-5.267	-.6690-01
7	1.0000	103.00	200.24	2.952	.8160-01	.3120	-5.308	-.5880-01
7	1.0000	104.00	136.58	2.014	.5570-01	.1620	-5.458	-.2970-01
7	1.0000	105.00	153.26	2.259	.6250-01	.2013	-5.418	-.3720-01
7	1.0000	106.00	91.640	1.351	.3740-01	.5610-01	-5.564	-.1010-01
7	1.0000	107.00	94.090	1.387	.3840-01	.6190-01	-5.558	-.1110-01
7	1.0000	108.00	112.21	1.654	.4580-01	.1046	-5.515	-.1900-01
7	1.0000	109.00	89.690	1.322	.3660-01	.5150-01	-5.568	-.9300-02
7	1.0000	110.00	95.870	1.413	.3910-01	.6610-01	-5.554	-.1190-01
7	1.0000	111.00	78.600	1.159	.3210-01	.2540-01	-5.594	-.4500-02
7	1.0000	112.00	100.35	1.479	.4090-01	.7670-01	-5.543	-.1380-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R03)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
4	3.511	-4.970	1.813	3478.	44.91	387.5	213.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
4	1.0000	100.00	229.79	5.117	.6610-01	.4772	-8.382	-.5690-01
4	1.0000	101.00	215.17	4.791	.6190-01	.4394	-8.420	-.5220-01
4	1.0000	102.00	298.18	6.639	.8570-01	.6537	-8.206	-.7970-01
4	1.0000	103.00	288.54	6.425	.8300-01	.6288	-8.231	-.7840-01
4	1.0000	104.00	199.02	4.431	.5720-01	.3977	-8.462	-.4700-01
4	1.0000	105.00	223.79	4.983	.6440-01	.4617	-8.398	-.5500-01
4	1.0000	106.00	109.08	2.429	.3140-01	.1656	-8.694	-.1900-01
4	1.0000	107.00	106.71	2.376	.3070-01	.1595	-8.700	-.1830-01
4	1.0000	108.00	128.94	2.871	.3710-01	.2169	-8.643	-.2510-01
4	1.0000	109.00	104.43	2.325	.3000-01	.1536	-8.706	-.1760-01
4	1.0000	110.00	91.070	2.028	.2620-01	.1191	-8.740	-.1360-01
4	1.0000	111.00	80.680	1.796	.2320-01	.9230-01	-8.767	-.1050-01
4	1.0000	112.00	95.810	2.133	.2750-01	.1314	-8.728	-.1500-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R03)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.511	-.1970-02	1.808	3479.	44.94	387.7	213.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(S1)	CP1/S1
4	1.0000	100.00	163.89	3.647	.4710-01	.3068	-8.551	-.3590-01
4	1.0000	101.00	158.64	3.530	.4560-01	.2933	-8.565	-.3420-01
4	1.0000	102.00	222.45	4.950	.6390-01	.4579	-8.400	-.5450-01
4	1.0000	103.00	208.91	4.649	.6010-01	.4230	-8.435	-.5010-01
4	1.0000	104.00	143.32	3.189	.4120-01	.2538	-8.604	-.2950-01
4	1.0000	105.00	158.89	3.536	.4570-01	.2940	-8.564	-.3430-01
4	1.0000	106.00	81.800	1.820	.2350-01	.9510-01	-8.763	-.1080-01
4	1.0000	107.00	82.130	1.828	.2360-01	.9590-01	-8.762	-.1090-01
4	1.0000	108.00	78.580	1.749	.2260-01	.8680-01	-8.771	-.9900-02
4	1.0000	109.00	79.590	1.771	.2290-01	.8940-01	-8.769	-.1020-01
4	1.0000	110.00	68.340	1.521	.1960-01	.6040-01	-8.798	-.6900-02
4	1.0000	111.00	64.020	1.425	.1840-01	.4920-01	-8.809	-.5600-02
4	1.0000	112.00	68.340	1.521	.1960-01	.6040-01	-8.798	-.6900-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R03)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
4	3.510	5.002	1.807	3478.	44.93	387.6	213.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPi/Si
4	1.0000	100.00	117.48	2.615	.3380-01	.1872	-8.671	-.2160-01
4	1.0000	101.00	114.18	2.541	.3280-01	.1787	-8.679	-.2060-01
4	1.0000	102.00	174.87	3.892	.5030-01	.3352	-8.523	-.3930-01
4	1.0000	103.00	149.81	3.334	.4310-01	.2706	-8.587	-.3150-01
4	1.0000	104.00	104.79	2.332	.3010-01	.1544	-8.704	-.1770-01
4	1.0000	105.00	113.67	2.530	.3270-01	.1774	-8.681	-.2040-01
4	1.0000	106.00	62.980	1.402	.1810-01	.4660-01	-8.811	-.5300-02
4	1.0000	107.00	63.060	1.404	.1810-01	.4680-01	-8.811	-.5300-02
4	1.0000	108.00	57.220	1.273	.1650-01	.3170-01	-8.826	-.3600-02
4	1.0000	109.00	60.350	1.343	.1740-01	.3980-01	-8.818	-.4500-02
4	1.0000	110.00	57.810	1.287	.1660-01	.3320-01	-8.825	-.3800-02
4	1.0000	111.00	56.970	1.268	.1640-01	.3100-01	-8.827	-.3500-02
4	1.0000	112.00	57.560	1.281	.1650-01	.3260-01	-8.825	-.3700-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R04)

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	4.998	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
10	1.0000	100.00	220.58	1.918	.1132	.2106	-3.449	-.6110-01
10	1.0000	101.00	210.33	1.829	.1079	.1902	-3.469	-.5480-01
10	1.0000	102.00	307.87	2.676	.1580	.3849	-3.275	-.1175
10	1.0000	103.00	276.29	2.402	.1418	.3218	-3.338	-.9640-01
10	1.0000	104.00	195.77	1.702	.1005	.1611	-3.498	-.4610-01
10	1.0000	105.00	222.10	1.931	.1140	.2137	-3.446	-.6200-01
10	1.0000	106.00	286.62	2.492	.1471	.3424	-3.317	-.1032
10	1.0000	107.00	249.11	2.165	.1278	.2676	-3.392	-.7890-01
10	1.0000	108.00	323.70	2.814	.1661	.4165	-3.243	-.1284
10	1.0000	109.00	246.66	2.144	.1266	.2627	-3.397	-.7730-01
10	1.0000	110.00	256.82	2.232	.1318	.2830	-3.377	-.8380-01
10	1.0000	111.00	252.50	2.195	.1296	.2743	-3.385	-.8100-01
10	1.0000	112.00	269.01	2.338	.1380	.3073	-3.352	-.9170-01

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FORWARD RCS

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OTS, FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	.1995-01	2.168	1950.	115.1	501.2	287.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
10	1.0000	100.00	274.89	2.389	.1410	.3183	-3.341	-.9540-01
10	1.0000	101.00	266.33	2.315	.1366	.3018	-3.358	-.8990-01
10	1.0000	102.00	400.85	3.484	.2056	.5701	-3.090	-.1845
10	1.0000	103.00	343.67	2.987	.1763	.4561	-3.204	-.1424
10	1.0000	104.00	244.23	2.122	.1253	.2577	-3.402	-.7570-01
10	1.0000	105.00	279.46	2.429	.1433	.3280	-3.332	-.9840-01
10	1.0000	106.00	303.78	2.640	.1558	.3765	-3.283	-.1147
10	1.0000	107.00	270.23	2.348	.1386	.3095	-3.350	-.9240-01
10	1.0000	108.00	293.10	2.547	.1503	.3552	-3.305	-.1075
10	1.0000	109.00	256.08	2.225	.1314	.2813	-3.379	-.8330-01
10	1.0000	110.00	251.68	2.187	.1291	.2725	-3.387	-.8050-01
10	1.0000	111.00	224.74	1.953	.1153	.2188	-3.441	-.6360-01
10	1.0000	112.00	265.32	2.306	.1361	.2997	-3.360	-.8920-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MOEL 84-OTS. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
10	2.495	-4.990	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(SI)	CPI/SI
10	1.0000	100.00	346.93	3.017	.1781	.4630	-3.197	-.1448
10	1.0000	101.00	328.05	2.852	.1684	.4253	-3.234	-.1315
10	1.0000	102.00	496.42	4.317	.2548	.7614	-2.898	-.2627
10	1.0000	103.00	423.03	3.678	.2171	.6149	-3.045	-.2019
10	1.0000	104.00	303.92	2.643	.1560	.3771	-3.283	-.1149
10	1.0000	105.00	349.13	3.036	.1792	.4673	-3.192	-.1464
10	1.0000	106.00	307.99	2.678	.1581	.3852	-3.275	-.1176
10	1.0000	107.00	304.09	2.644	.1561	.3774	-3.282	-.1150
10	1.0000	108.00	333.98	2.904	.1714	.4371	-3.223	-.1356
10	1.0000	109.00	284.37	2.473	.1460	.3381	-3.322	-.1018
10	1.0000	110.00	283.10	2.462	.1453	.3355	-3.324	-.1009
10	1.0000	111.00	249.66	2.171	.1281	.2688	-3.391	-.7930-01
10	1.0000	112.00	296.39	2.577	.1521	.3621	-3.298	-.1098

IH11, MODEL 84-OTS, FORWARD RCS

(RG1R05)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	-5.014	2.163	1948.	115.0	501.0	287.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(SI)	CPI/SI
11	1.0000	100.00	367.93	3.199	.1888	.5049	-3.155	-.1600
11	1.0000	101.00	327.19	2.845	.1679	.4235	-3.236	-.1309
11	1.0000	102.00	564.53	4.909	.2897	.8973	-2.762	-.3248
11	1.0000	103.00	432.90	3.764	.2222	.6345	-3.025	-.2098
11	1.0000	104.00	307.28	2.672	.1577	.3838	-3.276	-.1172
11	1.0000	105.00	352.60	3.066	.1810	.4743	-3.185	-.1489
11	1.0000	106.00	265.27	2.306	.1361	.2999	-3.360	-.8930-01
11	1.0000	107.00	241.21	2.097	.1238	.2519	-3.408	-.7390-01
11	1.0000	108.00	274.50	2.387	.1409	.3184	-3.341	-.9530-01
11	1.0000	109.00	227.23	1.976	.1166	.2240	-3.436	-.6520-01
11	1.0000	110.00	222.83	1.937	.1144	.2152	-3.444	-.6250-01
11	1.0000	111.00	198.09	1.722	.1017	.1658	-3.494	-.4750-01
11	1.0000	112.00	234.77	2.041	.1205	.2391	-3.421	-.6990-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R05)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	.1198-01	2.166	1948.	115.0	500 8	287.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CF:/SI
11	1.0000	100.00	284.05	2.471	.1458	.3377	-3.322	-.1016
11	1.0000	101.00	268.90	2.339	.1381	.3074	-3.352	-.9170-01
11	1.0000	102.00	434.02	3.775	.2228	.6371	-3.023	-.2108
11	1.0000	103.00	354.47	3.083	.1820	.4783	-3.181	-.1503
11	1.0000	104.00	246.64	2.145	.1266	.6629	-3.397	-.7740-01
11	1.0000	105.00	283.29	2.464	.1454	.3361	-3.324	-.1011
11	1.0000	106.00	215.84	1.877	.1108	.2014	-3.458	-.5820-01
11	1.0000	107.00	215.41	1.874	.1106	.2006	-3.459	-.5800-01
11	1.0000	108.00	246.13	2.141	.1264	.2619	-3.398	-.7710-01
11	1.0000	109.00	197.22	1.715	.1013	.1642	-3.495	-.4700-01
11	1.0000	110.00	197.39	1.717	.1013	.1646	-3.495	-.4710-01
11	1.0000	111.00	173.86	1.512	.8930-01	.1176	-3.542	-.3320-01
11	1.0000	112.00	207.37	1.804	.1065	.1845	-3.475	-.5310-01

FORWARD RCS

IH11, MODEL 84-OTS, FORWARD RCS

(RG1R05)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
11	2.495	4.990	2.165	1949.	115.0	501.0	287.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/S1
11	1.0000	100.00	220.17	1.914	.1130	.2098	-3.450	-.6080-01
11	1.0000	101.00	213.99	1.860	.1098	.1975	-3.462	-.5700-01
11	1.0000	102.00	367.16	3.192	.1884	.5032	-3.157	-.1594
11	1.0000	103.00	283.54	2.465	.1455	.7363	-3.323	-.1012
11	1.0000	104.00	195.52	1.700	.1003	.1606	-3.499	-.4590-01
11	1.0000	105.00	223.56	1.943	.1147	.2166	-3.443	-.6290-01
11	1.0000	106.00	298.62	2.596	.1532	.3664	-3.293	-.1113
11	1.0000	107.00	223.73	1.945	.1148	.2169	-3.443	-.6300-01
11	1.0000	108.00	396.47	3.447	.2034	.5617	-3.098	-.1813
11	1.0000	109.00	226.36	1.968	.1162	.2222	-3.438	-.6460-01
11	1.0000	110.00	227.63	1.979	.1168	.2247	-3.435	-.6540-01
11	1.0000	111.00	200.01	1.739	.1026	.1696	-3.490	-.4860-01
11	1.0000	112.00	249.40	2.168	.1280	.2682	-3.391	-.7910-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R06)

IH11, MODEL 84-OTS, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
12	2.495	5.022	2.166	1948.	115.0	501.0	287.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
12	1.0000	100.00	228.10	1.983	.1171	.2258	-3.434	-.6570-01
12	1.0000	101.00	212.10	1.844	.1089	.1938	-3.466	-.5590-01
12	1.0000	102.00	289.14	2.514	.1484	.3476	-3.312	-.1049
12	1.0000	103.00	275.51	2.396	.1414	.3204	-3.339	-.9590-01
12	1.0000	104.00	193.64	1.684	.9940-01	.1570	-3.503	-.4480-01
12	1.0000	105.00	218.53	1.900	.1122	.2067	-3.453	-.5980-01
12	1.0000	106.00	163.25	1.419	.8380-01	.9630-01	-3.563	-.2700-01
12	1.0000	107.00	160.03	1.391	.8210-01	.8990-01	-3.570	-.2520-01
12	1.0000	108.00	196.60	1.709	.1009	.1629	-3.497	-.4660-01
12	1.0000	109.00	161.47	1.404	.8290-01	.9270-01	-3.567	-.2600-01
12	1.0000	110.00	164.18	1.428	.8430-01	.9820-01	-3.562	-.2760-01
12	1.0000	111.00	156.39	1.360	.8030-01	.8260-01	-3.577	-.2310-01
12	1.0000	112.00	174.93	1.521	.8980-01	.1196	-3.540	-.3380-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OTS, FORWARD RCS

(RG1R06)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
12	2.495	.3590-01	2.163	1947.	114.9	500.7	287.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	PI/PO	CP(1)	CP(SI)	CP1/SI
12	1.0000	100.00	289.84	2.522	.1488	.3493	-3.310	-.1055
12	1.0000	101.00	263.07	2.289	.1351	.2959	-3.364	-.8800-01
12	1.0000	102.00	381.99	3.323	.1962	.5334	-3.126	-.1706
12	1.0000	103.00	342.27	2.978	.1758	.4540	-3.206	-.1416
12	1.0000	104.00	242.32	2.108	.1244	.2544	-3.405	-.7470-01
12	1.0000	105.00	275.19	2.394	.1413	.3201	-3.340	-.9580-01
12	1.0000	106.00	164.74	1.433	.8460-01	.9950-01	-3.560	-.2790-01
12	1.0000	107.00	165.67	1.441	.8510-01	.1013	-3.558	-.5860-01
12	1.0000	108.00	216.32	1.882	.1111	.2025	-3.457	-.2350-01
12	1.0000	109.00	156.94	1.365	.8060-01	.8390-01	-3.576	-.1980-01
12	1.0000	110.00	150.59	1.310	.7730-01	.7120-01	-3.588	-.7800-02
12	1.0000	111.00	129.16	1.124	.6630-01	.2840-01	-3.631	-.2390-01
12	1.0000	112.00	157.79	1.373	.8100-01	.8560-01	-3.574	

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RV/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TJ DEG R
12	2.495	-4.990	2.164	1947.	114.9	500.7	287.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
12	1.0000	100.00	499.88	4.349	.2567	.7688	-2.891	-.2660
12	1.0000	101.00	320.70	2.790	.1647	.4110	-3.249	-.1265
12	1.0000	102.00	667.96	5.811	.3430	1.105	-2.555	-.4323
12	1.0000	103.00	431.80	3.757	.2218	.6329	-3.027	-.2091
12	1.0000	104.00	301.31	2.621	.1547	.3722	-3.287	-.1132
12	1.0000	105.00	347.55	3.024	.1785	.4646	-3.195	-.1454
12	1.0000	106.00	198.26	1.725	.1018	.1664	-3.493	-.4760-01
12	1.0000	107.00	189.71	1.650	.9740-01	.1493	-3.510	-.4250-01
12	1.0000	108.00	249.07	2.167	.1279	.2679	-3.392	-.7900-01
12	1.0000	109.00	177.09	1.541	.3090-01	.1241	-3.535	-.3510-01
12	1.0000	110.00	169.22	1.472	.8690-01	.1084	-3.551	-.3050-01
12	1.0000	111.00	149.74	1.303	.7690-01	.6950-01	-3.590	-.1940-01
12	1.0000	112.00	180.06	1.566	.9250-01	.1301	-3.530	-.3680-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R07)

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	-4.975	2.159	1948.	115.0	500.9	288.3

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
21	1.0000	100.00	454.23	3.950	.2332	.6772	-2.982	-.2271
21	1.0000	101.00	318.54	2.770	.1635	.4063	-3.253	-.1249
21	1.0000	102.00	647.99	5.635	.3326	1.064	-2.595	-.4100
21	1.0000	103.00	427.48	3.717	.2194	.6238	-3.036	-.2055
21	1.0000	104.00	299.32	2.603	.1537	.3680	-3.292	-.1118
21	1.0000	105.00	346.81	3.016	.1780	.4628	-3.197	-.1448
21	1.0000	106.00	303.72	2.641	.1559	.3768	-3.283	-.1148
21	1.0000	107.00	303.98	2.643	.1560	.3773	-3.282	-.1149
21	1.0000	108.00	344.10	2.992	.1766	.4574	-3.202	-.1428
21	1.0000	109.00	283.92	2.469	.1457	.3372	-3.322	-.1015
21	1.0000	110.00	279.77	2.433	.1436	.3289	-3.331	-.9880-01
21	1.0000	111.00	247.52	2.152	.1271	.2645	-3.395	-.7790-01
21	1.0000	112.00	294.07	2.557	.1510	.3575	-3.302	-.1083

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
21	2.495	.9988-02	2.160	1948.	115.0	500.9	288.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
21	1.0000	100.00	284.27	2.472	.1459	.3379	-3.322	-.1017
21	1.0000	101.00	266.78	2.320	.1370	.3030	-3.356	-.9030-01
21	1.0000	102.00	408.41	3.551	.2097	.5858	-3.074	-.1506
21	1.0000	103.00	346.76	3.015	.1780	.4627	-3.197	-.1447
21	1.0000	104.00	246.52	2.144	.1265	.6626	-3.397	-.7730-01
21	1.0000	105.00	280.63	2.440	.1441	.3307	-3.329	-.9930-01
21	1.0000	106.00	295.36	2.481	.1465	.3401	-3.319	-.1025
21	1.0000	107.00	274.22	2.385	.1408	.3179	-3.342	-.9510-01
21	1.0000	108.00	318.72	2.772	.1636	.4067	-3.253	-.1250
21	1.0000	109.00	260.37	2.264	.1337	.2902	-3.369	-.8610-01
21	1.0000	110.00	255.72	2.224	.1313	.2810	-3.379	-.8320-01
21	1.0000	111.00	222.36	1.934	.1142	.2144	-3.445	-.6220-01
21	1.0000	112.00	268.64	2.336	.1379	.3067	-3.353	-.9150-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
21	2.495	4.971	2.162	1949.	115.0	501.1	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
21	1.0000	100.00	220.27	1.915	.1130	.2100	-3.450	-.6090-01
21	1.0000	101.00	215.69	1.875	.1107	.2009	-3.459	-.5810-01
21	1.0000	102.00	319.56	2.778	.1640	.4082	-3.251	-.1255
21	1.0000	103.00	276.95	2.407	.1421	.3231	-3.336	-.9690-01
21	1.0000	104.00	197.39	1.716	.1013	.1644	-3.495	-.4700-01
21	1.0000	105.00	222.89	1.938	.1144	.2153	-3.444	-.6250-01
21	1.0000	106.00	287.28	2.497	.1474	.3438	-3.316	-.1037
21	1.0000	107.00	250.68	2.179	.1286	.2707	-3.389	-.7990-01
21	1.0000	108.00	310.92	2.703	.1596	.3909	-3.259	-.1196
21	1.0000	109.00	244.41	2.125	.1254	.2582	-3.401	-.7590-01
21	1.0000	110.00	236.62	2.057	.1214	.2427	-3.417	-.7100-01
21	1.0000	111.00	204.58	1.779	.1050	.1789	-3.481	-.5140-01
21	1.0000	112.00	247.97	2.156	.1272	.2653	-3.391	-.7820-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-OT, FORWARD RCS

(RG1R07)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	5.018	1.975	2455.	67.94	424.9	241.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
16	1.0000	100.00	159.72	2.351	.6510-01	.2160	-5.401	-.4000-01
16	1.0000	101.00	144.43	2.126	.5880-01	.1800	-5.437	-.3310-01
16	1.0000	102.00	204.82	3.015	.8340-01	.3221	-5.295	-.6080-01
16	1.0000	103.00	201.27	2.962	.8200-01	.3138	-5.304	-.5920-01
16	1.0000	104.00	139.19	2.049	.5670-01	.1677	-5.450	-.3080-01
16	1.0000	105.00	155.41	2.287	.6330-01	.2059	-5.412	-.3800-01
16	1.0000	106.00	175.43	2.582	.7150-01	.2530	-5.364	-.4720-01
16	1.0000	107.00	174.75	2.572	.7120-01	.2514	-5.366	-.4680-01
16	1.0000	108.00	227.12	3.343	.9250-01	.3746	-5.243	-.7150-01
16	1.0000	109.00	169.26	2.491	.6900-01	.2385	-5.379	-.4430-01
16	1.0000	110.00	165.88	2.442	.6760-01	.2305	-5.387	-.4280-01
16	1.0000	111.00	140.54	2.069	.5730-01	.1709	-5.447	-.3140-01
16	1.0000	112.00	172.47	2.539	.7030-01	.2460	-5.372	-.4580-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIR07)

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
16	2.989	.1597-01	1.971	2451.	67.85	424.3	241.1

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(S1)	CP1/S1
16	1.0000	100.00	197.63	2.913	.8060-01	.3059	-5.311	-5760-01
16	1.0000	101.00	185.35	2.732	.7560-01	.2769	-5.340	-5190-01
16	1.0000	102.00	271.23	3.998	.1106	.4793	-5.138	-9330-01
16	1.0000	103.00	250.23	3.688	.1021	.4298	-5.187	-8290-01
16	1.0000	104.00	172.81	2.547	.7050-01	.2474	-5.370	-4610-01
16	1.0000	105.00	195.85	2.887	.7990-01	.3017	-5.316	-5680-01
16	1.0000	106.00	196.02	2.889	.8000-01	.3021	-5.315	-5680-01
16	1.0000	107.00	191.62	2.824	.7820-01	.2917	-5.326	-5480-01
16	1.0000	108.00	232.36	3.425	.9480-01	.3877	-5.230	-7410-01
16	1.0000	109.00	180.60	2.662	.7370-01	.2657	-5.352	-4970-01
16	1.0000	110.00	178.15	2.626	.7270-01	.2600	-5.357	-4850-01
16	1.0000	111.00	154.60	2.279	.6310-01	.2045	-5.413	-3780-01
16	1.0000	112.00	186.62	2.750	.7610-01	.2799	-5.337	-5240-01

FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

(RG1R07)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
16	2.989	-5.000	1.979	2455.	67.94	424.9	240.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
16	1.0000	100.00	245.17	3.608	.9990-01	.4171	-5.201	-.8020-01
16	1.0000	101.00	243.64	3.586	.9920-01	.4135	-5.205	-.7940-01
16	1.0000	102.00	378.96	5.577	.1543	.7319	-4.886	-.1498
16	1.0000	103.00	320.19	4.713	.1304	.5936	-5.024	-.1181
16	1.0000	104.00	223.24	3.286	.9090-01	.3654	-5.252	-.6960-01
16	1.0000	105.00	254.74	3.749	.1038	.4396	-5.178	-.8490-01
16	1.0000	106.00	230.60	3.394	.9390-01	.3828	-5.235	-.7310-01
16	1.0000	107.00	218.75	3.220	.8910-01	.3549	-5.263	-.6740-01
16	1.0000	108.00	263.03	3.871	.1071	.4591	-5.159	-.8900-01
16	1.0000	109.00	203.34	2.993	.8280-01	.3186	-5.299	-.6010-01
16	1.0000	110.00	203.67	2.998	.8300-01	.3194	-5.299	-.6030-01
16	1.0000	111.00	177.85	2.618	.7240-01	.2586	-5.359	-.4830-01
16	1.0000	112.00	212.99	3.135	.8670-01	.3413	-5.277	-.6470-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R07)

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
15	3.511	-5.022	1.828	3478.	44.88	387.3	211.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
15	1.0000	100.00	225.82	5.032	.6490-01	.4672	-8.396	-.5560-01
15	1.0000	101.00	215.33	4.798	.6190-01	.4401	-8.423	-.5220-01
15	1.0000	102.00	323.56	7.210	.9300-01	.7195	-8.144	-.8840-01
15	1.0000	103.00	290.31	6.469	.8350-01	.6337	-8.230	-.7700-01
15	1.0000	104.00	198.83	4.430	.5720-01	.3375	-8.466	-.4700-01
15	1.0000	105.00	225.99	5.035	.6500-01	.4676	-8.396	-.5570-01
15	1.0000	106.00	202.81	4.519	.5830-01	.4078	-8.456	-.4820-01
15	1.0000	107.00	196.54	4.379	.5650-01	.3916	-8.472	-.4620-01
15	1.0000	108.00	240.80	5.365	.6920-01	.5052	-8.358	-.6050-01
15	1.0000	109.00	181.99	4.055	.5230-01	.3540	-8.510	-.4160-01
15	1.0000	110.00	176.15	3.925	.5060-01	.3389	-8.525	-.3980-01
15	1.0000	111.00	152.12	3.389	.4370-01	.2769	-8.587	-.3220-01
15	1.0000	112.00	185.12	4.125	.5320-01	.3621	-8.502	-.4260-01

IHI1. MODEL 84-OT. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	.2394-01	1.827	3481.	44.92	387.7	212.1

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
15	1.0000	100.00	169.74	3.779	.4880-01	.3220	-8.541	-.3770-01
15	1.0000	101.00	150.53	3.351	.4320-01	.2724	-8.591	-.3170-01
15	1.0000	102.00	221.88	4.939	.6370-01	.4565	-8.407	-.5430-01
15	1.0000	103.00	211.81	4.715	.6080-01	.4305	-8.433	-.5110-01
15	1.0000	104.00	143.42	3.193	.4120-01	.2541	-8.609	-.2950-01
15	1.0000	105.00	160.94	3.583	.4620-01	.2993	-8.564	-.3490-01
15	1.0000	106.00	174.91	3.894	.5020-01	.3353	-8.528	-.3930-01
15	1.0000	107.00	161.35	3.592	.4640-01	.3004	-8.563	-.3510-01
15	1.0000	108.00	241.60	5.378	.6940-01	.5074	-8.356	-.6070-01
15	1.0000	109.00	152.64	3.398	.4390-01	.2779	-8.586	-.3240-01
15	1.0000	110.00	153.74	3.423	.4420-01	.2807	-8.583	-.3270-01
15	1.0000	111.00	121.16	2.697	.3480-01	.1967	-8.667	-.2270-01
15	1.0000	112.00	160.18	3.566	.4600-01	.2973	-8.566	-.3470-01

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IH11. MODEL 84-0T. FORWARD RCS

(RG1R07)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
15	3.511	4.983	1.827	3478.	44.88	387.3	212.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
15	1.0000	100.00	121.54	2.708	.3490-01	.1979	-8.666	-.2280-01
15	1.0000	101.00	112.81	2.514	.3240-01	.1754	-8.688	-.2020-01
15	1.0000	102.00	166.50	3.710	.4790-01	.3140	-8.549	-.3670-01
15	1.0000	103.00	152.36	3.395	.4360-01	.2775	-8.586	-.3230-01
15	1.0000	104.00	104.85	2.336	.3010-01	.1548	-8.709	-.1780-01
15	1.0000	105.00	114.68	2.555	.3300-01	.1802	-8.683	-.2080-01
15	1.0000	106.00	147.79	3.293	.4250-01	.2657	-8.598	-.3090-01
15	1.0000	107.00	137.96	3.074	.3970-01	.2403	-8.623	-.2790-01
15	1.0000	108.00	216.97	4.834	.6240-01	.4443	-8.419	-.5280-01
15	1.0000	109.00	131.19	2.923	.3770-01	.2228	-8.641	-.2580-01
15	1.0000	110.00	134.24	2.991	.3660-01	.2307	-8.633	-.2670-01
15	1.0000	111.00	104.85	2.336	.3010-01	.1548	-8.709	-.1780-01
15	1.0000	112.00	139.40	3.106	.4010-01	.2440	-8.619	-.2830-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

(RG1R08)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	4.967	2.165	1950.	115.1	501.4	287.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
20	1.0000	100.00	222.64	1.934	.1142	.2145	-3.445	-.6230-01
20	1.0000	101.00	215.52	1.872	.1105	.2003	-3.459	-.5790-01
20	1.0000	102.00	361.98	3.145	.1856	.4924	-3.167	-.1555
20	1.0000	103.00	285.45	2.480	.1464	.7398	-3.320	-.1023
20	1.0000	104.00	196.39	1.706	.1007	.1621	-3.498	-.4640-01
20	1.0000	105.00	224.58	1.951	.1152	.2184	-3.441	-.6350-01
20	1.0000	106.00	195.88	1.702	.1005	.1611	-3.499	-.4610-01
20	1.0000	107.00	195.12	1.695	.1001	.1596	-3.500	-.4560-01
20	1.0000	108.00	239.23	2.078	.1227	.2476	-3.412	-.7260-01
20	1.0000	109.00	182.17	1.583	.9340-01	.1338	-3.526	-.3790-01
20	1.0000	110.00	179.04	1.555	.9180-01	.1275	-3.532	-.3610-01
20	1.0000	111.00	151.86	1.319	.7790-01	.7330-01	-3.586	-.2040-01
20	1.0000	112.00	187.93	1.633	.9640-01	.1452	-3.514	-.4130-01

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	.7995-02	2.161	1949.	115.0	501.0	288.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
20	1.0000	100.00	289.59	2.518	.1486	.3484	-3.311	-.1052
20	1.0000	101.00	267.48	2.325	.1373	.3043	-3.355	-.9070-01
20	1.0000	102.00	456.98	3.973	.2345	.6825	-2.977	-.2292
20	1.0000	103.00	354.23	3.079	.1818	.4774	-3.182	-.1500
20	1.0000	104.00	245.88	2.137	.1262	.2612	-3.398	-.7680-01
20	1.0000	105.00	283.07	2.461	.1453	.3354	-3.324	-.1009
20	1.0000	106.00	219.70	1.910	.1127	.2089	-3.451	-.6050-01
20	1.0000	107.00	214.96	1.869	.1103	.1994	-3.460	-.5760-01
20	1.0000	108.00	259.18	2.253	.1330	.2877	-3.372	-.8530-01
20	1.0000	109.00	198.61	1.727	.1019	.1668	-3.493	-.4780-01
20	1.0000	110.00	197.00	1.713	.1011	.1636	-3.496	-.4680-01
20	1.0000	111.00	170.23	1.480	.8740-01	.1102	-3.549	-.3100-01
20	1.0000	112.00	206.24	1.793	.1058	.1820	-3.477	-.5230-01

IH11, MODEL 84-OT, FORWARD RCS

(RG1R08)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
20	2.495	-4.953	2.163	1949.	115.1	501.2	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
20	1.0000	100.00	376.12	3.269	.1929	.5208	-3.139	-.1659
20	1.0000	101.00	321.20	2.791	.1648	.4113	-3.248	-.1266
20	1.0000	102.00	513.80	4.465	.2636	.7955	-2.864	-.2778
20	1.0000	103.00	431.37	3.749	.2213	.6311	-3.029	-.2084
20	1.0000	104.00	306.47	2.663	.1572	.3819	-3.278	-.1165
20	1.0000	105.00	350.56	3.046	.1798	.4698	-3.190	-.1473
20	1.0000	106.00	249.77	2.171	.1281	.2688	-3.391	-.7930-01
20	1.0000	107.00	243.17	2.113	.1247	.2556	-3.404	-.7510-01
20	1.0000	108.00	294.96	2.563	.1513	.3589	-3.301	-.1087
20	1.0000	109.00	225.66	1.961	.1158	.2206	-3.439	-.6420-01
20	1.0000	110.00	222.02	1.929	.1139	.2134	-3.446	-.6190-01
20	1.0000	111.00	193.41	1.681	.9920-01	.1563	-3.503	-.4460-01
20	1.0000	112.00	233.27	2.027	.1197	.2358	-3.424	-.6890-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-OT. FORWARD RCS

(RG1R08)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	-5.010	1.982	2455.	67.94	425.0	240.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
17	1.0000	100.00	257.62	3.792	.1049	.4463	-5.172	-.8630-01
17	1.0000	101.00	241.44	3.553	.9830-01	.4083	-1.210	-.7840-01
17	1.0000	102.00	411.74	6.060	.1677	.8090	-4.809	-.1682
17	1.0000	103.00	323.20	4.757	.1316	.6007	-5.018	-.1197
17	1.0000	104.00	221.69	3.263	.9030-01	.3618	-5.256	-.6880-01
17	1.0000	105.00	254.15	3.741	.1035	.4382	-5.180	-.8460-01
17	1.0000	106.00	184.93	2.427	.6720-01	.2282	-5.390	-.4230-01
17	1.0000	107.00	162.13	2.386	.6600-01	.2216	-5.397	-.4110-01
17	1.0000	108.00	214.07	3.151	.8720-01	.3439	-5.274	-.6520-01
17	1.0000	109.00	153.74	2.263	.6260-01	.2019	-5.416	-.3730-01
17	1.0000	110.00	146.88	2.162	.5980-01	.1857	-5.433	-.3420-01
17	1.0000	111.00	130.27	1.917	.5310-01	.1467	-5.472	-.2680-01
17	1.0000	112.00	155.86	2.294	.6350-01	.2069	-5.411	-.3820-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	O PSF	TO DEG R
17	2.989	-.3186-01	1.983	2455.	67.94	425.0	240.3

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP/SI
17	1.0000	100.00	194.83	2.868	.7930-01	.2986	-5.320	-.5610-01
17	1.0000	101.00	189.33	2.787	.7710-01	.2856	-5.333	-.5360-01
17	1.0000	102.00	312.44	4.599	.1272	.5753	-5.043	-.1141
17	1.0000	103.00	252.66	3.719	.1029	.4347	-5.184	-.8390-01
17	1.0000	104.00	172.73	2.542	.7030-01	.2466	-5.372	-.4590-01
17	1.0000	105.00	195.51	2.878	.7960-01	.3002	-5.318	-.5640-01
17	1.0000	106.00	143.44	2.111	.5840-01	.1777	-5.441	-.3270-01
17	1.0000	107.00	142.08	2.091	.5790-01	.1745	-5.444	-.3200-01
17	1.0000	108.00	184.25	2.712	.7500-01	.2737	-5.345	-.5120-01
17	1.0000	109.00	132.52	1.950	.5400-01	.1520	-5.466	-.2780-01
17	1.0000	110.00	129.38	1.904	.5270-01	.1446	-5.474	-.2640-01
17	1.0000	111.00	110.50	1.626	.4500-01	.1002	-5.518	-.1810-01
17	1.0000	112.00	134.89	1.985	.5490-01	.1575	-5.461	-.2880-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R08)

FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
17	2.989	4.975	1.985	2456.	67.95	425.0	240.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
17	1.0000	100.00	150.96	2.222	.6150-01	.1953	-5.423	-.3600-01
17	1.0000	101.00	149.69	2.203	.6100-01	.1923	-5.426	-.3540-01
17	1.0000	102.00	240.23	3.535	.9780-01	.4053	-5.213	-.7780-01
17	1.0000	103.00	194.07	2.856	.7900-01	.2967	-5.322	-.5580-01
17	1.0000	104.00	134.79	1.984	.5490-01	.1573	-5.461	-.2880-01
17	1.0000	105.00	150.03	2.208	.6110-01	.1931	-5.425	-.3560-01
17	1.0000	106.00	125.39	1.845	.5110-01	.1351	-5.484	-.2460-01
17	1.0000	107.00	127.25	1.873	.5180-01	.1395	-5.479	-.2550-01
17	1.0000	108.00	162.14	2.386	.6600-01	.2216	-5.397	-.4110-01
17	1.0000	109.00	118.61	1.745	.4830-01	.1192	-5.499	-.2170-01
17	1.0000	110.00	117.00	1.722	.4760-01	.1154	-5.503	-.2100-01
17	1.0000	111.00	99.300	1.461	.4040-01	.7380-01	-5.545	-.1330-01
17	1.0000	112.00	121.66	1.790	.4950-01	.1264	-5.492	-.2300-01

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.512	5.022	1.839	3479.	44.87	387.3	211.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
14	1.0000	100.00	123.01	2.742	.3540-01	.2018	-8.665	-.2330-01
14	1.0000	101.00	116.25	2.591	.3340-01	.1843	-8.682	-.2120-01
14	1.0000	102.00	180.87	4.031	.5200-01	.3512	-8.515	-.4120-01
14	1.0000	103.00	152.19	3.392	.4370-01	.2771	-8.589	-.3230-01
14	1.0000	104.00	105.18	2.366	.3050-01	.1583	-8.708	-.1820-01
14	1.0000	105.00	115.48	2.574	.3320-01	.1823	-8.684	-.2100-01
14	1.0000	106.00	94.680	2.110	.2720-01	.1286	-8.738	-.1470-01
14	1.0000	107.00	98.820	2.202	.2840-01	.1393	-8.727	-.1600-01
14	1.0000	108.00	131.30	2.926	.3770-01	.2232	-8.643	-.2580-01
14	1.0000	109.00	89.770	2.001	.2580-01	.1159	-8.751	-.1330-01
14	1.0000	110.00	92.390	2.059	.2660-01	.1227	-8.744	-.1400-01
14	1.0000	111.00	67.950	1.515	.1950-01	.5960-01	-8.807	-.6800-02
14	1.0000	112.00	91.460	2.039	.2630-01	.1203	-8.746	-.1380-01

DATE 01 OCT 80

IHI1 INTEGRATED VEHICLE PRESSURE DATA

PAGE 607
(R61R08)

FORWARD RCS

IHI1, MODEL 84-OT, FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q FSF	TO DEG R
14	3.512	.2394-01	1.837	3477.	44.84	387.1	211.1

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/S1
14	1.0000	100.00	164.87	3.676	.4740-01	.3101	-8.556	-.3620-01
14	1.0000	101.00	157.94	3.522	.4540-01	.2922	-8.574	-.3410-01
14	1.0000	102.00	237.55	5.297	.6830-01	.4978	-8.368	-.5950-01
14	1.0000	103.00	215.04	4.795	.6190-01	.4397	-8.426	-.5220-01
14	1.0000	104.00	143.72	3.205	.4130-01	.2555	-8.611	-.2970-01
14	1.0000	105.00	161.63	3.609	.4650-01	.3022	-8.564	-.3530-01
14	1.0000	106.00	118.34	2.639	.3400-01	.1899	-8.676	-.2190-01
14	1.0000	107.00	119.19	2.658	.3430-01	.1921	-8.674	-.2210-01
14	1.0000	108.00	189.24	4.220	.5440-01	.3730	-8.493	-.4390-01
14	1.0000	109.00	109.88	2.450	.3160-01	.1680	-8.698	-.1930-01
14	1.0000	110.00	111.23	2.480	.3200-01	.1715	-8.694	-.1970-01
14	1.0000	111.00	85.090	1.897	.2450-01	.1040	-8.762	-.1190-01
14	1.0000	112.00	113.69	2.535	.3270-01	.1779	-8.688	-.2050-01

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
14	3.511	-4.983	1.831	3478.	44.87	387.3	211.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
14	1.0000	100.00	220.56	4.915	.6340-01	.4536	-8.411	-.5390-01
14	1.0000	101.00	219.04	4.881	.6300-01	.4497	-8.415	-.5340-01
14	1.0000	102.00	384.92	8.578	.1107	.8780	-7.986	-.1099
14	1.0000	103.00	293.53	6.541	.8440-01	.6420	-8.222	-.7810-01
14	1.0000	104.00	198.83	4.431	.5720-01	.3975	-8.467	-.4700-01
14	1.0000	105.00	226.48	5.047	.6510-01	.4689	-8.395	-.5590-01
14	1.0000	106.00	148.36	3.306	.4270-01	.2672	-8.597	-.3110-01
14	1.0000	107.00	145.40	3.240	.4180-01	.2596	-8.605	-.3020-01
14	1.0000	108.00	233.24	5.198	.6710-01	.4864	-8.378	-.5810-01
14	1.0000	109.00	138.21	3.080	.3970-01	.2410	-8.623	-.2790-01
14	1.0000	110.00	135.84	3.027	.3910-01	.2349	-8.630	-.2720-01
14	1.0000	111.00	106.50	2.373	.3060-01	.1591	-8.705	-.1830-01
14	1.0000	112.00	140.16	3.123	.4030-01	.2460	-8.618	-.2850-01

FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	-4.996	2.164	1950.	115.1	501.4	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(S1)	CP1/S1
19	1.0000	100.00	355.52	3.088	.1823	.4795	-3.180	-.1508
19	1.0000	101.00	333.35	2.896	.1709	.4353	-3.224	-.1350
19	1.0000	102.00	517.75	4.498	.2655	.8030	-2.857	-.2811
19	1.0000	103.00	428.39	3.722	.2197	.6248	-3.035	-.2059
19	1.0000	104.00	306.86	2.666	.1574	.3824	-3.277	-.1167
19	1.0000	105.00	349.01	3.032	.1790	.4665	-3.193	-.1461
19	1.0000	106.00	193.46	1.681	.9920-01	.1563	-3.503	-.4460-01
19	1.0000	107.00	188.13	1.634	.9650-01	.1456	-3.514	-.4140-01
19	1.0000	108.00	251.35	2.183	.1289	.2717	-3.388	-.8020-01
19	1.0000	109.00	179.25	1.557	.9190-01	.1279	-3.532	-.3620-01
19	1.0000	110.00	169.51	1.473	.8690-01	.1085	-3.551	-.3060-01
19	1.0000	111.00	149.96	1.303	.7620-01	.6950-01	-3.590	-.1940-01
19	1.0000	112.00	180.85	1.571	.9270-01	.1311	-3.528	-.3720-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	.1397-01	2.163	1950.	115.1	501.3	288.1

TEST CONDITIONS

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
19	1.0000	100.00	287.03	2.494	.1472	.3429	-3.317	-.1034
19	1.0000	101.00	265.17	2.304	.1360	.2993	-3.360	-.8910-01
19	1.0000	102.00	374.29	3.252	.1920	.5170	-3.143	-.1645
19	1.0000	103.00	340.83	2.961	.1748	.4503	-3.209	-.1403
19	1.0000	104.00	244.16	2.121	.1252	.2574	-3.402	-.7570-01
19	1.0000	105.00	275.42	2.393	.1413	.3198	-3.340	-.9580-01
19	1.0000	106.00	164.86	1.432	.8460-01	.9930-01	-3.560	-.2790-01
19	1.0000	107.00	165.62	1.439	.8490-01	.1008	-3.559	-.2830-01
19	1.0000	108.00	220.10	1.912	.1129	.2094	-3.450	-.6070-01
19	1.0000	109.00	157.40	1.368	.8070-01	.8440-01	-3.575	-.2360-01
19	1.0000	110.00	148.84	1.293	.7630-01	.6730-01	-3.592	-.1870-01
19	1.0000	111.00	126.31	1.097	.6480-01	.2240-01	-3.637	-.6100-02
19	1.0000	112.00	155.88	1.354	.7990-01	.8130-01	-3.578	-.2270-01

DATE 01 OCT 80

IH11 INTEGRATED VEHICLE PRESSURE DATA

FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 ⁶	PO PSFA	P PSFA	Q PSF	TO DEG R
19	2.495	4.993	2.164	1950.	115.1	501.5	288.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
19	1.0000	100.00	229.14	1.990	.1175	.2274	-3.432	-.6620-01
19	1.0000	101.00	213.74	1.857	.1096	.1967	-3.463	-.5680-01
19	1.0000	102.00	290.58	2.524	.1490	.3499	-3.310	-.1057
19	1.0000	103.00	276.11	2.398	.1416	.3210	-3.339	-.9620-01
19	1.0000	104.00	196.64	1.708	.1008	.1626	-3.497	-.4650-01
19	1.0000	105.00	219.66	1.908	.1126	.2085	-3.451	-.6040-01
19	1.0000	106.00	140.79	1.223	.7220-01	.5120-01	-3.609	-.1420-01
19	1.0000	107.00	143.28	1.262	.7450-01	.6010-01	-3.600	-.1670-01
19	1.0000	108.00	182.26	1.583	.9340-01	.1339	-3.526	-.3800-01
19	1.0000	109.00	135.88	1.180	.6970-01	.4140-01	-3.618	-.1140-01
19	1.0000	110.00	131.06	1.138	.6720-01	.3180-01	-3.628	-.8800-02
19	1.0000	111.00	110.49	.9598	.5670-01	-.9200-02	-3.669	-.2500-02
19	1.0000	112.00	136.64	1.187	.7010-01	.4290-01	-3.617	-.1190-01

IH11. MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	0 PSF	TO DEG R
18	2.989	4.979	1.982	2456.	67.95	425.0	240.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
18	1.0000	100.00	150.09	2.209	.6110-01	.1933	-5.425	-.3560-01
18	1.0000	101.00	148.90	2.191	.6060-01	.1905	-5.428	-.3510-01
18	1.0000	102.00	218.76	3.220	.8910-01	.3549	-5.263	-.6740-01
18	1.0000	103.00	194.80	2.867	.7930-01	.2985	-5.320	-.5610-01
18	1.0000	104.00	136.88	2.014	.5570-01	.1622	-5.456	-.2970-01
18	1.0000	105.00	150.17	2.210	.6120-01	.1935	-5.425	-.3570-01
18	1.0000	106.00	89.540	1.318	.3650-01	.5080-01	-5.567	-.9100-02
18	1.0000	107.00	91.740	1.350	.3740-01	.5600-01	-5.562	-.1010-01
18	1.0000	108.00	101.14	1.488	.4120-01	.7810-01	-5.540	-.1410-01
18	1.0000	109.00	89.880	1.323	.3660-01	.5160-01	-5.567	-.9300-02
18	1.0000	110.00	87.080	1.282	.3550-01	.4500-01	-5.573	-.8100-02
18	1.0000	111.00	70.990	1.045	.2890-01	.7200-02	-5.611	-.1300-02
18	1.0000	112.00	86.490	1.273	.3520-01	.4360-01	-5.575	-.7800-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-OT, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	.1597-01	1.981	2452.	67.85	424.3	240.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/SI
18	1.0000	100.00	200.74	2.959	.8190-01	.3132	-5.305	-.5900-01
18	1.0000	101.00	190.67	2.810	.7780-01	.2895	-5.329	-.5430-01
18	1.0000	102.00	269.64	3.974	.1100	.4755	-5.143	-.9250-01
18	1.0000	103.00	249.24	3.674	.1017	.4275	-5.191	-.8240-01
18	1.0000	104.00	174.50	2.572	.7120-01	.2514	-5.367	-.4680-01
18	1.0000	105.00	195.24	2.878	.7960-01	.3002	-5.318	-.5650-01
18	1.0000	106.00	105.19	1.550	.4290-01	.8800-01	-5.530	-.1590-01
18	1.0000	107.00	107.05	1.578	.4370-01	.9240-01	-5.526	-.1670-01
18	1.0000	108.00	125.84	1.855	.5130-01	.1367	-5.482	-.2490-01
18	1.0000	109.00	104.76	1.544	.4270-01	.8700-01	-5.531	-.1570-01
18	1.0000	110.00	95.200	1.403	.3880-01	.6450-01	-5.554	-.1160-01
18	1.0000	111.00	82.000	1.209	.3340-01	.3340-01	-5.585	-.6000-02
18	1.0000	112.00	99.430	1.466	.4060-01	.7440-01	-5.544	-.1340-01

IH11, MODEL 84-0T, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
18	2.989	-4.976	1.981	2452.	67.87	424.5	240.4

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/SI
18	1.0000	100.00	254.09	3.744	.1036	.4387	-5.179	-.8470-01
18	1.0000	101.00	242.17	3.568	.9870-01	.4106	-5.207	-.7890-01
18	1.0000	102.00	367.26	5.412	.1497	.7054	-4.913	-.1436
18	1.0000	103.00	320.83	4.727	.1308	.5960	-5.022	-.1187
18	1.0000	104.00	224.41	3.307	.9150-01	.3688	-5.249	-.7030-01
18	1.0000	105.00	253.50	3.735	.1034	.4373	-5.181	-.8440-01
18	1.0000	106.00	130.35	1.921	.5310-01	.1472	-5.471	-.2690-01
18	1.0000	107.00	127.81	1.883	.5210-01	.1412	-5.477	-.2580-01
18	1.0000	108.00	170.61	2.514	.6960-01	.2421	-5.376	-.4500-01
18	1.0000	109.00	124.77	1.838	.5090-01	.1341	-5.484	-.2440-01
18	1.0000	110.00	114.37	1.685	.4660-01	.1095	-5.509	-.1990-01
18	1.0000	111.00	98.890	1.457	.4030-01	.7310-01	-5.545	-.1320-01
18	1.0000	112.00	120.46	1.775	.4910-01	.1239	-5.494	-.2260-01

FORWARD RCS

IH11, MODEL 84-OT, FORWARD RCS

(RG/R09)

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	-4.970	1.850	3483.	44.90	387.6	210.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
13	1.0000	100.00	228.59	5.092	.6560-01	.4739	-8.396	-.5640-01
13	1.0000	101.00	213.95	4.765	.6140-01	.4361	-8.434	-.5170-01
13	1.0000	102.00	298.25	6.643	.8560-01	.6536	-8.216	-.7960-01
13	1.0000	103.00	288.01	6.415	.8270-01	.6272	-8.242	-.7610-01
13	1.0000	104.00	198.63	4.424	.5700-01	.3966	-8.473	-.4680-01
13	1.0000	105.00	223.51	4.979	.6420-01	.4608	-8.409	-.5480-01
13	1.0000	106.00	107.97	2.405	.3100-01	.1627	-8.707	-.1870-01
13	1.0000	107.00	104.50	2.328	.3000-01	.1538	-8.716	-.1760-01
13	1.0000	108.00	133.87	2.982	.3840-01	.2296	-8.640	-.2660-01
13	1.0000	109.00	103.32	2.301	.2970-01	.1507	-8.719	-.1730-01
13	1.0000	110.00	89.180	1.986	.2560-01	.1143	-8.755	-.1300-01
13	1.0000	111.00	78.690	1.753	.2260-01	.8720-01	-8.783	-.9900-02
13	1.0000	112.00	95.020	2.116	.2730-01	.1293	-8.740	-.1480-01

IH11, MODEL 84-OT, FORWARD RCS

(RG1R09)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PC PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	.6002-02	1.844	3477.	44.84	387.0	210.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
13	1.0000	100.00	163.07	3.637	.4690-01	.3055	-8.562	-.3570-01
13	1.0000	101.00	158.08	3.526	.4550-01	.2926	-8.575	-.3410-01
13	1.0000	102.00	218.13	4.865	.6270-01	.4478	-8.420	-.5320-01
13	1.0000	103.00	208.99	4.661	.6010-01	.4241	-8.444	-.5020-01
13	1.0000	104.00	142.74	3.184	.4110-01	.2530	-8.615	-.2940-01
13	1.0000	105.00	158.41	3.533	.4560-01	.2935	-8.574	-.3420-01
13	1.0000	106.00	78.620	1.753	.2260-01	.8730-01	-8.781	-.9900-02
13	1.0000	107.00	80.140	1.787	.2300-01	.9120-01	-8.777	-.1040-01
13	1.0000	108.00	77.520	1.729	.2230-01	.8440-01	-8.783	-.9600-02
13	1.0000	109.00	77.770	1.735	.2240-01	.8510-01	-8.783	-.9700-02
13	1.0000	110.00	65.910	1.470	.1900-01	.5450-01	-8.813	-.6200-02
13	1.0000	111.00	61.000	1.360	.1750-01	.4180-01	-8.826	-.4700-02
13	1.0000	112.00	66.250	1.478	.1910-01	.5530-01	-8.813	-.6300-02

IH11. MODEL 84-OT, FORWARD RCS

(RG1R09)

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
13	3.512	5.006	1.844	3480.	44.87	387.4	210.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
13	1.0000	100.00	119.30	2.659	.3430-01	.1922	-8.676	-.2210-01
13	1.0000	101.00	118.63	2.644	.3410-01	.1904	-8.678	-.2190-01
13	1.0000	102.00	178.64	3.981	.5130-01	.3453	-8.523	-.4050-01
13	1.0000	103.00	150.96	3.364	.4340-01	.2739	-8.594	-.3190-01
13	1.0000	104.00	105.08	2.342	.3020-01	.1554	-8.713	-.1780-01
13	1.0000	105.00	113.46	2.529	.3260-01	.1771	-8.691	-.2040-01
13	1.0000	106.00	61.580	1.372	.1770-01	.4310-01	-8.825	-.4900-02
13	1.0000	107.00	62.510	1.393	.1800-01	.4550-01	-8.822	-.5200-02
13	1.0000	108.00	56.920	1.269	.1640-01	.3110-01	-8.837	-.3500-02
13	1.0000	109.00	60.390	1.346	.1740-01	.4010-01	-8.828	-.4500-02
13	1.0000	110.00	51.680	1.152	.1480-01	.1760-01	-8.850	-.2000-02
13	1.0000	111.00	49.900	1.112	.1430-01	.1300-01	-8.855	-.1500-02
13	1.0000	112.00	51.590	1.150	.1480-01	.1730-01	-8.851	-.2000-02

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-0. FORWARD RCS

(RGIR10)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	-5.012	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
30	1.0000	100.00	381.29	3.315	.1957	.5315	-3.128	-.1699
30	1.0000	101.00	353.26	3.071	.1813	.4755	-3.184	-.1494
30	1.0000	102.00	532.37	4.628	.2732	.8330	-2.826	-.2947
30	1.0000	103.00	449.89	3.911	.2309	.6684	-2.991	-.2235
30	1.0000	104.00	326.07	2.835	.1674	.4213	-3.238	-.1301
30	1.0000	105.00	373.50	3.247	.1917	.5159	-3.143	-.1641
30	1.0000	106.00	310.83	2.702	.1595	.3908	-3.269	-.1196
30	1.0000	107.00	303.80	2.641	.1559	.3768	-3.282	-.1148
30	1.0000	108.00	348.01	3.025	.1786	.4650	-3.194	-.1456
30	1.0000	109.00	283.64	2.466	.1456	.3366	-3.323	-.1013
30	1.0000	110.00	279.41	2.429	.1434	.3281	-3.331	-.9850-01
30	1.0000	111.00	251.12	2.183	.1289	.2717	-3.388	-.8020-01
30	1.0000	112.00	294.91	2.564	.1514	.3591	-3.300	-.1089

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IH11 INTEGRATED VEHICLE PRESSURE DATA

PAGE 619
(RGIR10)

IH11. MODEL 84-0. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
30	2.494	-7.172-01	2.155	1948.	115.0	500.8	288.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
30	1.0000	100.00	306.14	2.662	.1572	.3817	-3.278	-.1164
30	1.0000	101.00	295.89	2.573	.1519	.3612	-3.298	-.1095
30	1.0000	102.00	465.11	4.045	.2388	.6991	-2.960	-.2362
30	1.0000	103.00	379.99	3.305	.1951	.5291	-3.130	-.1690
30	1.0000	104.00	269.04	2.340	.1381	.3076	-3.352	-.9180-01
30	1.0000	105.00	308.85	2.686	.1586	.3871	-3.272	-.1183
30	1.0000	106.00	303.77	2.642	.1560	.3769	-3.282	-.1148
30	1.0000	107.00	291.32	2.533	.1496	.3521	-3.307	-.1065
30	1.0000	108.00	345.95	3.009	.1776	.4611	-3.198	-.1442
30	1.0000	109.00	280.99	2.444	.1443	.3314	-3.328	-.9960-01
30	1.0000	110.00	273.11	2.375	.1402	.3157	-3.344	-.9440-01
30	1.0000	111.00	237.62	2.067	.1220	.2449	-3.414	-.7170-01
30	1.0000	112.00	289.46	2.517	.1486	.3484	-3.311	-.1052

FORWARD RCS

IHI1, MODEL 84-O, FORWARD RCS

(RGIR10)

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
30	2.494	5.036	2.157	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CP1/SI
30	1.0000	100.00	241.25	2.097	.1238	.2520	-3.407	-.7390-01
30	1.0000	101.00	236.85	2.059	.1216	.2432	-3.416	-.7120-01
30	1.0000	102.00	367.14	3.192	.1884	.5033	-3.156	-.1595
30	1.0000	103.00	311.86	2.711	.1601	.7929	-3.266	-.1203
30	1.0000	104.00	216.78	1.885	.1113	.2031	-3.456	-.5880-01
30	1.0000	105.00	248.70	2.162	.1277	.2668	-3.393	-.7870-01
30	1.0000	106.00	363.25	3.158	.1864	.4955	-3.164	-.1566
30	1.0000	107.00	287.90	2.503	.1478	.3451	-3.314	-.1041
30	1.0000	108.00	371.29	3.228	.1906	.5116	-3.148	-.1625
30	1.0000	109.00	278.42	2.421	.1429	.3262	-3.333	-.9790-01
30	1.0000	110.00	266.14	2.314	.1366	.3017	-3.358	-.8980-01
30	1.0000	111.00	230.67	2.005	.1184	.2308	-3.428	-.6730-01
30	1.0000	112.00	282.90	2.460	.1452	.3351	-3.324	-.1009

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RG1R10)

IH11. MODEL 84-0. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	4.988	1.970	2451.	67.85	424.3	241.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CPI/S1
25	1.0000	100.00	175.40	2.585	.7150-01	.2534	-5.364	-.4730-01
25	1.0000	101.00	157.20	2.317	.6410-01	.2106	-5.407	-.3890-01
25	1.0000	102.00	232.52	3.427	.9490-01	.3881	-5.229	-.7420-01
25	1.0000	103.00	215.59	3.177	.8790-01	.3482	-5.269	-.6610-01
25	1.0000	104.00	146.54	2.160	.5980-01	.1854	-5.432	-.3410-01
25	1.0000	105.00	166.34	2.451	.6790-01	.2321	-5.385	-.4310-01
25	1.0000	106.00	218.64	3.222	.8920-01	.3554	-5.262	-.6750-01
25	1.0000	107.00	200.87	2.960	.8190-01	.3135	-5.304	-.5910-01
25	1.0000	108.00	262.23	3.865	.1070	.4581	-5.159	-.8880-01
25	1.0000	109.00	192.32	2.834	.7850-01	.2933	-5.324	-.5510-01
25	1.0000	110.00	183.94	2.711	.7500-01	.2736	-5.344	-.5120-01
25	1.0000	111.00	157.03	2.314	.6410-01	.2102	-5.407	-.3890-01
25	1.0000	112.00	196.13	2.891	.8000-01	.3023	-5.315	-.5690-01

IHI1 INTEGRATED VEHICLE PRESSURE DATA
IHI1, MODEL 84-0, FORWARD RCS

DATE 01 OCT 80
FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-.7372-01	1.972	2451.	67.84	424.3	241.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CPI/SI
25	1.0000	100.00	211.63	3.120	.8630-01	.3389	-5.279	-.6420-01
25	1.0000	101.00	205.70	3.032	.8390-01	.3249	-5.293	-.6140-01
25	1.0000	102.00	320.50	4.724	.1308	.5955	-5.022	-.1186
25	1.0000	103.00	270.60	3.989	.1104	.4779	-5.140	-.9300-01
25	1.0000	104.00	186.81	2.754	.7620-01	.2804	-5.337	-.5250-01
25	1.0000	105.00	212.48	3.132	.8670-01	.3409	-5.277	-.6460-01
25	1.0000	106.00	209.00	3.081	.8530-01	.3327	-5.285	-.6300-01
25	1.0000	107.00	205.02	3.022	.8360-01	.3233	-5.294	-.6110-01
25	1.0000	108.00	246.28	3.630	.1005	.4206	-5.197	-.8090-01
25	1.0000	109.00	191.72	2.826	.7820-01	.2920	-5.326	-.5480-01
25	1.0000	110.00	189.94	2.800	.7750-01	.2878	-5.330	-.5400-01
25	1.0000	111.00	161.73	2.384	.6600-01	.2213	-5.396	-.4100-01
25	1.0000	112.00	196.80	2.901	.8030-01	.3040	-5.313	-.5720-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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FORWARD RCS

IH11. MODEL 84-O. FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
25	2.989	-5.042	1.971	2450.	67.81	424.0	241.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CPI/SI
25	1.0000	100.00	264.63	3.903	.1080	.4641	-5.153	-.9010-01
25	1.0000	101.00	256.68	3.785	.1048	.4454	-5.172	-.8610-01
25	1.0000	102.00	404.32	5.963	.1650	.7936	-4.824	-.1645
25	1.0000	103.00	331.43	4.888	.1353	.6217	-4.996	-.1244
25	1.0000	104.00	235.20	3.469	.9600-01	.3948	-5.223	-.7560-01
25	1.0000	105.00	267.42	3.944	.1092	.4707	-5.147	-.9150-01
25	1.0000	106.00	224.88	3.317	.9180-01	.3704	-5.278	-.7060-01
25	1.0000	107.00	211.61	3.121	.8640-01	.3391	-5.163	-.6420-01
25	1.0000	108.00	260.48	3.842	.1063	.4544	-5.312	-.8800-01
25	1.0000	109.00	197.32	2.910	.8050-01	.3054	-5.322	-.5750-01
25	1.0000	110.00	193.09	2.848	.7880-01	.2954	-5.378	-.5550-01
25	1.0000	111.00	169.50	2.500	.6920-01	.2398	-5.378	-.4460-01
25	1.0000	112.00	203.32	2.998	.8300-01	.3196	-5.298	-.6030-01

IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	1.0000	100.00	229.64	1.818	3476.	44.88	387.2	212.7
24	1.0000	101.00	223.30					
24	1.0000	102.00	348.72					
24	1.0000	103.00	291.34					
24	1.0000	104.00	202.51					
24	1.0000	105.00	229.47					
24	1.0000	106.00	188.48					
24	1.0000	107.00	182.40					
24	1.0000	108.00	230.74					
24	1.0000	109.00	170.99					
24	1.0000	110.00	164.40					
24	1.0000	111.00	143.94					
24	1.0000	112.00	172.00					

TEST DATA

RUN NUMBER	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
24	5.117	.6610-01	.4771	-8.384	-5690-01
24	4.975	.6420-01	.4608	-8.400	-5490-01
24	7.770	.1003	.7846	-8.076	-9720-01
24	6.491	.8380-01	.6364	-8.224	-7740-01
24	4.512	.5830-01	.4071	-8.454	-4820-01
24	5.113	.6600-01	.4767	-8.384	-5690-01
24	4.200	.5420-01	.3708	-8.490	-4370-01
24	4.064	.5250-01	.3551	-8.506	-4180-01
24	5.141	.6640-01	.4800	-8.381	-5730-01
24	3.810	.4920-01	.3257	-8.535	-3820-01
24	3.663	.4730-01	.3086	-8.552	-3610-01
24	3.207	.4140-01	.2558	-8.605	-2970-01
24	3.832	.4950-01	.3283	-8.533	-3850-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-O, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
24	3.511	-.6375-01	1.819	3477.	44.89	387.3	212.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(S1)	CPI/SI
24	1.0000	100.00	185.16	4.125	.5330-01	.3622	-8.499	-.4260-01
24	1.0000	101.00	166.83	3.717	.4800-01	.3148	-8.546	-.3680-01
24	1.0000	102.00	245.65	5.472	.7070-01	.5183	-8.343	-.6210-01
24	1.0000	103.00	225.46	5.022	.6480-01	.4662	-8.395	-.5550-01
24	1.0000	104.00	155.17	3.457	.4460-01	.2847	-8.576	-.3320-01
24	1.0000	105.00	175.03	3.899	.5030-01	.3360	-8.525	-.3940-01
24	1.0000	106.00	178.40	3.974	.5130-01	.3447	-8.516	-.4050-01
24	1.0000	107.00	175.95	3.920	.5060-01	.3384	-8.523	-.3970-01
24	1.0000	108.00	214.98	4.789	.6180-01	.4392	-8.422	-.5210-01
24	1.0000	109.00	163.62	3.645	.4710-01	.3066	-8.554	-.3580-01
24	1.0000	110.00	159.14	3.545	.4580-01	.2950	-8.566	-.3440-01
24	1.0000	111.00	136.00	3.030	.3910-01	.2352	-8.626	-.2730-01
24	1.0000	112.00	167.00	3.720	.4800-01	.3153	-8.546	-.3690-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, FORWARD RCS

(RGIR10)

FORWARD RCS

PARAMETRIC DATA

BETA = -5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
24	3.511	5.024	1.815	3476.	44.89	387.3	213.0

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
24	1.0000	100.00	140.91	3.139	.4050-01	.2480	-8.612	-.2880-01
24	1.0000	101.00	123.15	2.743	.3540-01	.2021	-8.658	-.2330-01
24	1.0000	102.00	195.91	4.364	.5640-01	.3900	-8.470	-.4600-01
24	1.0000	103.00	172.05	3.833	.4950-01	.3284	-8.531	-.3850-01
24	1.0000	104.00	115.70	2.578	.3330-01	.1829	-8.677	-.2110-01
24	1.0000	105.00	128.73	2.868	.3700-01	.2165	-8.643	-.2500-01
24	1.0000	106.00	169.94	3.786	.4890-01	.3229	-8.537	-.3780-01
24	1.0000	107.00	167.65	3.735	.4820-01	.3170	-8.543	-.3710-01
24	1.0000	108.00	216.64	4.826	.6230-01	.4435	-8.416	-.5270-01
24	1.0000	109.00	158.94	3.541	.4570-01	.2945	-8.565	-.3440-01
24	1.0000	110.00	151.07	3.366	.4350-01	.2742	-8.586	-.3190-01
24	1.0000	111.00	128.22	2.857	.3690-01	.2152	-8.645	-.2490-01
24	1.0000	112.00	161.90	3.607	.4660-01	.3022	-8.558	-.3530-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-0. FORWARD RCS

(RGIR11)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	5.044	2.157	1948.	115.0	501.0	288.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
29	1.0000	100.00	246.85	2.146	.1267	.2632	-3.396	-.7750-01
29	1.0000	101.00	241.79	2.102	.1241	.2531	-3.406	-.7430-01
29	1.0000	102.00	442.45	3.847	.2271	.6536	-3.006	-.2174
29	1.0000	103.00	319.78	2.780	.1641	.4087	-3.251	-.1257
29	1.0000	104.00	218.52	1.900	.1122	.2066	-3.453	-.5980-01
29	1.0000	105.00	251.32	2.185	.1290	.2721	-3.387	-.8030-01
29	1.0000	106.00	255.45	2.221	.1311	.2803	-3.379	-.8300-01
29	1.0000	107.00	233.02	2.026	.1196	.2356	-3.424	-.6880-01
29	1.0000	108.00	310.84	2.703	.1595	.3909	-3.269	-.1196
29	1.0000	109.00	224.17	1.949	.1151	.2179	-3.442	-.6330-01
29	1.0000	110.00	217.68	1.893	.1117	.2049	-3.454	-.5930-01
29	1.0000	111.00	182.94	1.591	.9390-01	.1356	-3.524	-.3850-01
29	1.0000	112.00	233.70	2.032	.1200	.2369	-3.423	-.6920-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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FORWARD RCS

IHI1. MODEL 84-0. FORWARD RCS

(R01R11)

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-.6774-01	2.154	1948.	115.0	501.0	288.8

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	F1/P0	CP(1)	CP(S1)	CP1/S1
29	1.0000	100.00	300.93	2.616	.1545	.3711	-3.288	-.1129
29	1.0000	101.00	288.89	2.512	.1483	.3471	-3.312	-.1048
29	1.0000	102.00	485.32	4.219	.2491	.7391	-2.920	-.2531
29	1.0000	103.00	384.39	3.342	.1973	.5377	-3.122	-.1723
29	1.0000	104.00	270.08	2.348	.1386	.3095	-3.350	-.9240-01
29	1.0000	105.00	309.49	2.691	.1589	.3882	-3.271	-.1187
29	1.0000	106.00	242.20	2.106	.1243	.2539	-3.405	-.7450-01
29	1.0000	107.00	236.27	2.054	.1213	.2420	-3.417	-.7080-01
29	1.0000	108.00	286.44	2.490	.1470	.3422	-3.317	-.1032
29	1.0000	109.00	222.04	1.930	.1140	.2136	-3.446	-.6200-01
29	1.0000	110.00	218.65	1.901	.1122	.2068	-3.452	-.5990-01
29	1.0000	111.00	189.84	1.650	.9740-01	.1493	-3.510	-.4250-01
29	1.0000	112.00	231.27	2.011	.1187	.2320	-3.427	-.6770-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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(RGIR11)

IH11, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
29	2.494	-5.026	2.155	1948.	115.0	501.0	288.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	PI/P	PI/PO	CP(1)	CP(SI)	CPI/SI
29	1.0000	100.00	429.31	3.732	.2204	.6274	-3.032	-.2069
29	1.0000	101.00	353.15	3.070	.1813	.4753	-3.184	-.1493
29	1.0000	102.00	595.08	5.174	.3054	.9583	-2.701	-.3548
29	1.0000	103.00	458.53	3.986	.2354	.6857	-2.974	-.2306
29	1.0000	104.00	330.20	2.871	.1695	.4295	-3.230	-.1330
29	1.0000	105.00	376.79	3.276	.1934	.5225	-3.137	-.1666
29	1.0000	106.00	254.64	2.214	.1307	.2787	-3.381	-.8240-01
29	1.0000	107.00	243.97	2.121	.1252	.2574	-3.402	-.7570-01
29	1.0000	108.00	296.06	2.574	.1520	.3614	-3.298	-.1096
29	1.0000	109.00	230.58	2.005	.1184	.2307	-3.429	-.6730-01
29	1.0000	110.00	223.64	1.944	.1148	.2168	-3.442	-.6300-01
29	1.0000	111.00	200.26	1.741	.1028	.1701	-3.489	-.4880-01
29	1.0000	112.00	237.02	2.061	.1217	.2435	-3.416	-.7130-01

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	ARRAY	TAP NO	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	1.0000	100.00	-5.050	1.975	2454.	67.91	424.7	240.9
26	1.0000	101.00						
26	1.0000	102.00						
26	1.0000	103.00						
26	1.0000	104.00						
26	1.0000	105.00						
26	1.0000	106.00						
26	1.0000	107.00						
26	1.0000	108.00						
26	1.0000	109.00						
26	1.0000	110.00						
26	1.0000	111.00						
26	1.0000	112.00						

TEST DATA

RUN NUMBER	ARRAY	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
26	1.0000	271.38	3.996	.1106	.4791	-5.138	-.9320-01
26	1.0000	257.59	3.793	.1050	.4466	-5.171	-.8640-01
26	1.0000	428.47	6.309	.1746	.8490	-4.769	-.1780
26	1.0000	331.70	4.884	.1352	.6211	-4.996	-.1243
26	1.0000	232.55	3.424	.9480-01	.3777	-5.230	-.7410-01
26	1.0000	265.29	3.907	.1081	.4648	-5.153	-.9020-01
26	1.0000	166.06	2.445	.6770-01	.2311	-5.387	-.4290-01
26	1.0000	160.48	2.363	.6540-01	.2180	-5.400	-.4040-01
26	1.0000	216.14	3.183	.8910-01	.3490	-5.268	-.6620-01
26	1.0000	154.64	2.277	.6300-01	.2042	-5.413	-.3770-01
26	1.0000	145.17	2.138	.5920-01	.1819	-5.436	-.3350-01
26	1.0000	129.09	1.901	.5260-01	.1441	-5.474	-.2630-01
26	1.0000	154.64	2.277	.6300-01	.2042	-5.413	-.3770-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
26	2.989	-6176-01	1.977	2452.	67.87	424.5	240.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
26	1.0000	100.00	211.38	3.114	.8620-01	.3381	-5.280	-.6400-01
26	1.0000	101.00	206.13	3.037	.8410-01	.3257	-5.292	-.6160-01
26	1.0000	102.00	362.31	5.338	.1477	.6937	-4.924	-.1409
26	1.0000	103.00	271.50	4.000	.1107	.4797	-5.138	-.9340-01
26	1.0000	104.00	186.01	2.741	.7580-01	.2783	-5.339	-.5210-01
26	1.0000	105.00	211.80	3.121	.8640-01	.3391	-5.279	-.6420-01
26	1.0000	106.00	162.58	2.396	.6630-01	.2231	-5.395	-.4140-01
26	1.0000	107.00	162.25	2.391	.6620-01	.2223	-5.297	-.4120-01
26	1.0000	108.00	204.02	3.006	.8320-01	.3208	-5.297	-.6060-01
26	1.0000	109.00	150.58	2.219	.6140-01	.1949	-5.423	-.3590-01
26	1.0000	110.00	148.29	2.185	.6050-01	.1895	-5.428	-.3490-01
26	1.0000	111.00	126.22	1.860	.5150-01	.1375	-5.480	-.2510-01
26	1.0000	112.00	154.80	2.281	.6310-01	.2048	-5.413	-.3780-01

IH11. MODEL 84-O. FORWARD RCS

(RGIR11)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
26	2.989	5.026	1.976	2452.	67.86	424.4	240.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
26	1.0000	100.00	170.12	2.507	.6940-01	.2410	-5.377	-.4480-01
26	1.0000	101.00	163.28	2.406	.6660-01	.2249	-5.393	-.4170-01
26	1.0000	102.00	284.91	4.199	.1162	.5115	-5.106	-.1002
26	1.0000	103.00	218.18	3.215	.8900-01	.7542	-5.263	-.6730-01
26	1.0000	104.00	147.65	2.176	.6020-01	.1880	-5.430	-.3460-01
26	1.0000	105.00	167.33	2.466	.6820-01	.2344	-5.383	-.4350-01
26	1.0000	106.00	158.97	2.343	.6480-01	.2147	-5.403	-.3970-01
26	1.0000	107.00	161.84	2.385	.6600-01	.2215	-5.396	-.4100-01
26	1.0000	108.00	207.54	3.058	.8460-01	.3292	-5.289	-.6220-01
26	1.0000	109.00	151.62	2.234	.6180-01	.1974	-5.420	-.3640-01
26	1.0000	110.00	144.70	2.132	.5900-01	.1811	-5.437	-.3330-01
26	1.0000	111.00	123.07	1.814	.5020-01	.1301	-5.488	-.2370-01
26	1.0000	112.00	156.35	2.304	.6380-01	.2085	-5.409	-.3860-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11, MODEL 84-O, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.511	5.046	1.827	3476.	44.86	387.2	211.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CPI/SI
23	1.0000	100.00	141.96	3.164	.4080-01	.2508	-8.613	-.2910-01
23	1.0000	101.00	127.42	2.840	.3670-01	.2132	-8.650	-.2470-01
23	1.0000	102.00	190.80	4.253	.5490-01	.3769	-8.487	-.4440-01
23	1.0000	103.00	170.77	3.806	.4910-01	.3252	-8.538	-.3810-01
23	1.0000	104.00	115.59	2.577	.3330-01	.1827	-8.681	-.2100-01
23	1.0000	105.00	127.93	2.852	.3680-01	.2146	-8.649	-.2480-01
23	1.0000	106.00	120.83	2.693	.3480-01	.1962	-8.667	-.2260-01
23	1.0000	107.00	126.58	2.821	.3640-01	.2111	-8.652	-.2440-01
23	1.0000	108.00	150.41	3.353	.4330-01	.2726	-8.591	-.3170-01
23	1.0000	109.00	116.35	2.593	.3350-01	.1847	-8.679	-.2130-01
23	1.0000	110.00	113.73	2.535	.3270-01	.1779	-8.686	-.2050-01
23	1.0000	111.00	89.650	1.998	.2580-01	.1157	-8.748	-.1320-01
23	1.0000	112.00	121.76	2.714	.3500-01	.1986	-8.665	-.2290-01

IH11, MODEL 84-O, FORWARD RCS

(RGIR11)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
23	3.511	-7372-01	1.825	3478.	44.89	387.4	212.1

TEST CONDITIONS

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
23	1.0000	100.00	177.64	3.957	.5110-01	.3427	-8.520	-.4020-01
23	1.0000	101.00	172.83	3.850	.4970-01	.3303	-8.533	-.3870-01
23	1.0000	102.00	312.05	6.951	.8970-01	.6896	-8.173	-.8440-01
23	1.0000	103.00	226.47	5.045	.6510-01	.4687	-8.394	-.5580-01
23	1.0000	104.00	155.26	3.458	.4460-01	.2849	-8.578	-.3320-01
23	1.0000	105.00	174.26	3.882	.5010-01	.3340	-8.529	-.3920-01
23	1.0000	106.00	130.16	2.900	.3740-01	.2201	-8.643	-.2550-01
23	1.0000	107.00	131.09	2.920	.3770-01	.2225	-8.640	-.2580-01
23	1.0000	108.00	202.31	4.507	.5820-01	.4064	-8.457	-.4810-01
23	1.0000	109.00	121.97	2.717	.3510-01	.1990	-8.664	-.2300-01
23	1.0000	110.00	123.83	2.758	.3560-01	.2038	-8.659	-.2350-01
23	1.0000	111.00	95.440	2.126	.2740-01	.1305	-8.732	-.1490-01
23	1.0000	112.00	127.63	2.843	.3670-01	.2136	-8.649	-.2470-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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IHI1, MODEL 84-0, FORWARD RCS

(RGIR11)

FORWARD RCS

PARAMETRIC DATA

BETA = .0000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
23	3.5111	-5.054	1.824	3478.	44.89	387.3	212.2

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
23	1.0000	100.00	232.89	5.188	.6700-01	.4854	-8.377	-.5790-01
23	1.0000	101.00	224.85	5.009	.6470-01	.4646	-8.398	-.5530-01
23	1.0000	102.00	382.72	8.526	.1101	.8722	-7.990	-.1092
23	1.0000	103.00	292.33	6.513	.8410-01	.6388	-8.224	-.7770-01
23	1.0000	104.00	202.02	4.501	.5810-01	.4057	-8.457	-.4800-01
23	1.0000	105.00	228.83	5.098	.6580-01	.4749	-8.388	-.5660-01
23	1.0000	106.00	139.54	3.109	.4010-01	.2444	-8.618	-.2840-01
23	1.0000	107.00	136.24	3.035	.3920-01	.2358	-8.627	-.2730-01
23	1.0000	108.00	222.66	4.960	.6400-01	.4590	-8.404	-.5460-01
23	1.0000	109.00	132.52	2.952	.3810-01	.2262	-8.636	-.2620-01
23	1.0000	110.00	130.49	2.907	.3750-01	.2210	-8.641	-.2560-01
23	1.0000	111.00	102.16	2.276	.2940-01	.1479	-8.715	-.1700-01
23	1.0000	112.00	133.36	2.971	.3830-01	.2284	-8.634	-.2650-01

IH11, MODEL 84-O, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5.052	2.158	1949.	115.1	501.3	288.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(S1)	CP1/S1
28	1.0000	100.00	423.42	3.679	.2172	.6151	-3.044	-.2020
28	1.0000	101.00	354.60	3.081	.1819	.4778	-3.182	-.1502
28	1.0000	102.00	596.69	5.184	.3061	.9607	-2.699	-.3560
28	1.0000	103.00	455.67	3.959	.2337	.6794	-2.980	-.2280
28	1.0000	104.00	327.18	2.843	.1678	.4231	-3.236	-.1307
28	1.0000	105.00	372.97	3.241	.1913	.5144	-3.145	-.1636
28	1.0000	106.00	202.07	1.756	.1037	.1735	-3.486	-.4980-01
28	1.0000	107.00	195.21	1.696	.1001	.1598	-3.500	-.4570-01
28	1.0000	108.00	252.86	2.197	.1297	.2748	-3.385	-.8120-01
28	1.0000	109.00	185.06	1.608	.9490-01	.1396	-3.520	-.3970-01
28	1.0000	110.00	175.58	1.525	.9010-01	.1207	-3.539	-.3410-01
28	1.0000	111.00	159.58	1.387	.8190-01	.8870-01	-3.571	-.2490-01
28	1.0000	112.00	188.61	1.639	.9670-01	.1467	-3.513	-.4180-01

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	-5578-01	2.156	1948.	115.0	501.0	288.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
28	1.0000	100.00	311.39	2.707	.1598	.3920	-3.267	-.1200
28	1.0000	101.00	294.28	2.558	.1510	.3578	-3.301	-.1084
28	1.0000	102.00	465.28	4.045	.2388	.6991	-2.960	-.2362
28	1.0000	103.00	381.01	3.312	.1956	.5309	-3.128	-.1697
28	1.0000	104.00	268.96	2.338	.1380	.3073	-3.352	-.9170-01
28	1.0000	105.00	306.82	2.667	.1575	.3828	-3.276	-.1168
28	1.0000	106.00	192.82	1.676	.9900-01	.1553	-3.504	-.4430-01
28	1.0000	107.00	190.45	1.656	.9780-01	.1506	-3.509	-.4290-01
28	1.0000	108.00	242.79	2.111	.1246	.2550	-3.404	-.7490-01
28	1.0000	109.00	177.92	1.547	.9130-01	.1255	-3.534	-.3550-01
28	1.0000	110.00	176.56	1.535	.9060-01	.1228	-3.537	-.3470-01
28	1.0000	111.00	151.24	1.315	.7760-01	.7230-01	-3.587	-.2020-01
28	1.0000	112.00	185.54	1.613	.9520-01	.1407	-3.519	-.4000-01

FORWARD RCS -

IH11, MODEL 84-O, FORWARD RCS

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PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10.6	PO PSFA	P PSFA	Q PSF	TO DEG R
28	2.494	5.030	2.156	1949.	115.1	501.2	288.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CP1/SI
28	1.0000	100.00	240.45	2.090	.1234	.2502	-3.409	-.7340-01
28	1.0000	101.00	239.52	2.082	.1229	.2483	-3.411	-.7280-01
28	1.0000	102.00	364.84	3.171	.1872	.4984	-3.161	-.1577
28	1.0000	103.00	311.15	2.704	.1597	.3913	-3.268	-.1197
28	1.0000	104.00	217.16	1.887	.1114	.2037	-3.456	-.5900-01
28	1.0000	105.00	246.88	2.146	.1267	.2630	-3.396	-.7740-01
28	1.0000	106.00	183.54	1.595	.9420-01	.1366	-3.523	-.3880-01
28	1.0000	107.00	187.27	1.627	.9610-01	.1441	-3.515	-.4100-01
28	1.0000	108.00	242.73	2.110	.1245	.2548	-3.405	-.7480-01
28	1.0000	109.00	176.26	1.532	.9040-01	.1221	-3.537	-.3450-01
28	1.0000	110.00	168.89	1.468	.8670-01	.1074	-3.552	-.3020-01
28	1.0000	111.00	144.00	1.251	.7390-01	.5770-01	-3.602	-.1600-01
28	1.0000	112.00	184.05	1.600	.9440-01	.1377	-3.522	-.3910-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

IHI1, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
27	2.989	5.008	1.975	2453.	67.88	424.5	240.9

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(1) PSFA	P1/P	P1/PO	CP(1)	CP(SI)	CP1/SI
27	1.0000	100.00	165.95	2.445	.6770-01	.2310	-5.387	-.4290-01
27	1.0000	101.00	164.26	2.420	.6700-01	.2270	-5.391	-.4210-01
27	1.0000	102.00	262.09	3.861	.1069	.4575	-5.160	-.8870-01
27	1.0000	103.00	213.98	3.152	.8720-01	.3441	-5.273	-.6530-01
27	1.0000	104.00	146.30	2.155	.5960-01	.1847	-5.433	-.3400-01
27	1.0000	105.00	164.26	2.420	.6700-01	.2270	-5.391	-.4210-01
27	1.0000	106.00	118.09	1.740	.4810-01	.1183	-5.499	-.2150-01
27	1.0000	107.00	124.95	1.841	.5090-01	.1344	-5.483	-.2450-01
27	1.0000	108.00	140.54	2.070	.5730-01	.1711	-5.446	-.3140-01
27	1.0000	109.00	116.40	1.715	.4750-01	.1143	-5.503	-.2080-01
27	1.0000	110.00	113.43	1.671	.4620-01	.1073	-5.510	-.1950-01
27	1.0000	111.00	90.310	1.330	.3680-01	.5280-01	-5.565	-.9500-02
27	1.0000	112.00	120.55	1.776	.4910-01	.1241	-5.493	-.2260-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

IH11. MODEL 84-O. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	.5383-01	1.976	2451.	67.84	424.2	240.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
27	1.0000	100.00	221.48	3.265	.9040-01	.3621	-5.256	-.6890-01
27	1.0000	101.00	206.18	3.039	.8410-01	.3261	-5.292	-.6160-01
27	1.0000	102.00	309.37	4.561	.1262	.5693	-5.048	-.1128
27	1.0000	103.00	273.03	4.025	.1114	.4837	-5.134	-.9420-01
27	1.0000	104.00	188.26	2.775	.7680-01	.2839	-5.334	-.5320-01
27	1.0000	105.00	213.03	3.140	.8690-01	.3422	-5.275	-.6490-01
27	1.0000	106.00	126.91	1.871	.5180-01	.1392	-5.474	-.2540-01
27	1.0000	107.00	128.85	1.899	.5260-01	.1438	-5.474	-.2630-01
27	1.0000	108.00	191.65	2.825	.7820-01	.2918	-5.326	-.5480-01
27	1.0000	109.00	119.81	1.766	.4890-01	.1225	-5.495	-.2230-01
27	1.0000	110.00	123.87	1.826	.5050-01	.1321	-5.486	-.2410-01
27	1.0000	111.00	95.900	1.414	.3910-01	.6610-01	-5.552	-.1190-01
27	1.0000	112.00	128.26	1.891	.5230-01	.1424	-5.475	-.2600-01

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IH11 INTEGRATED VEHICLE PRESSURE DATA

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IH11. MODEL 84-0. FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
27	2.989	-5.014	1.977	2451.	67.84	424.3	240.6

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/S1
27	1.0000	100.00	269.87	3.978	.1101	.4761	-5.142	-.9260-01
27	1.0000	101.00	255.38	3.764	.1042	.4420	-5.176	-.8540-01
27	1.0000	102.00	398.70	5.877	.1626	.7798	-4.838	-.1612
27	1.0000	103.00	332.04	4.894	.1354	.6227	-4.995	-.1247
27	1.0000	104.00	233.28	3.438	.9520-01	.3899	-5.228	-.7460-01
27	1.0000	105.00	264.70	3.902	.1080	.4640	-5.154	-.9000-01
27	1.0000	106.00	131.38	1.936	.5360-01	.1497	-5.468	-.2740-01
27	1.0000	107.00	126.38	1.863	.5160-01	.1380	-5.480	-.2520-01
27	1.0000	108.00	178.81	2.636	.7290-01	.2615	-5.356	-.4880-01
27	1.0000	109.00	126.72	1.868	.5170-01	.1388	-5.479	-.2530-01
27	1.0000	110.00	112.49	1.658	.4590-01	.1052	-5.512	-.1910-01
27	1.0000	111.00	99.610	1.468	.4060-01	.7490-01	-5.543	-.1350-01
27	1.0000	112.00	119.43	1.760	.4870-01	.1216	-5.496	-.2210-01

IH11, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	O PSF	TO DEG R
22	3.512	-5.004	1.856	3480.	44.84	387.2	209.5

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	PI/PO	CP(I)	CP(SI)	CP1/SI
22	1.0000	100.00	231.55	5.164	.6650-01	.4822	-8.389	-.5750-01
22	1.0000	101.00	214.98	4.794	.6180-01	.4394	-8.432	-.5210-01
22	1.0000	102.00	333.63	7.441	.9590-01	.7459	-8.125	-.9180-01
22	1.0000	103.00	286.03	6.379	.8220-01	.6230	-8.248	-.7550-01
22	1.0000	104.00	195.85	4.368	.5630-01	.5300	-8.481	-.4600-01
22	1.0000	105.00	222.29	4.957	.6390-01	.4583	-8.413	-.5450-01
22	1.0000	106.00	99.390	2.217	.2860-01	.1409	-8.730	-.1610-01
22	1.0000	107.00	93.520	2.086	.2690-01	.1257	-8.745	-.1440-01
22	1.0000	108.00	121.40	2.707	.3490-01	.1977	-8.673	-.2280-01
22	1.0000	109.00	93.860	2.093	.2700-01	.1266	-8.745	-.1450-01
22	1.0000	110.00	80.520	1.796	.2310-01	.9220-01	-8.779	-.1050-01
22	1.0000	111.00	73.550	1.640	.2110-01	.7420-01	-8.797	-.8400-02
22	1.0000	112.00	85.790	.1.913	.2470-01	.1058	-8.765	-.1210-01

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IHI1 INTEGRATED VEHICLE PRESSURE DATA

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(RGIR12)

IHI1, MODEL 84-0, FORWARD RCS

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	-.1991-01	1.834	3477.	44.85	387.1	211.3

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	P1/P	P1/PO	CP(I)	CP(SI)	CPI/SI
22	1.0000	100.00	178.39	3.977	.5130-01	.3449	-8.520	-.4050-01
22	1.0000	101.00	167.29	3.730	.4810-01	.3163	-8.549	-.3700-01
22	1.0000	102.00	243.59	5.431	.7010-01	.5134	-8.352	-.6150-01
22	1.0000	103.00	220.47	4.915	.6340-01	.4537	-8.412	-.5390-01
22	1.0000	104.00	152.39	3.398	.4380-01	.2778	-8.587	-.3230-01
22	1.0000	105.00	169.92	3.788	.4890-01	.3231	-8.542	-.3780-01
22	1.0000	106.00	91.170	2.033	.2620-01	.1196	-8.745	-.1370-01
22	1.0000	107.00	92.350	2.059	.2660-01	.1227	-8.742	-.1400-01
22	1.0000	108.00	91.680	2.044	.2640-01	.1210	-8.744	-.1380-01
22	1.0000	109.00	91.250	2.035	.2620-01	.1199	-8.745	-.1370-01
22	1.0000	110.00	83.460	1.861	.2400-01	.9970-01	-8.765	-.1140-01
22	1.0000	111.00	71.690	1.598	.2060-01	.6930-01	-8.795	-.7900-02
22	1.0000	112.00	82.280	1.834	.2370-01	.9670-01	-8.768	-.1100-01

IH11 INTEGRATED VEHICLE PRESSURE DATA
IH11, MODEL 84-O, FORWARD RCS

DATE 01 OCT 80

FORWARD RCS

PARAMETRIC DATA

BETA = 5.000

TEST CONDITIONS

RUN NUMBER	MACH	ALPHA DEG.	RN/FT /FT X10 6	PO PSFA	P PSFA	Q PSF	TO DEG R
22	3.511	5.030	1.830	3478.	44.88	387.3	211.7

TEST DATA

RUN NUMBER	ARRAY	TAP NO	P(I) PSFA	PI/P	PI/PO	CP(I)	CP(SI)	CP1/SI
22	1.0000	100.00	135.14	3.011	.3890-01	.2331	-8.631	-.2700-01
22	1.0000	101.00	132.02	2.942	.3800-01	.2250	-8.639	-.2600-01
22	1.0000	102.00	214.61	4.782	.6170-01	.4383	-8.426	-.5200-01
22	1.0000	103.00	171.72	3.826	.4940-01	.3275	-8.537	-.3840-01
22	1.0000	104.00	118.96	2.651	.3420-01	.1913	-8.673	-.2210-01
22	1.0000	105.00	129.49	2.885	.3720-01	.2185	-8.646	-.2530-01
22	1.0000	106.00	90.560	2.018	.2600-01	.1179	-8.746	-.1350-01
22	1.0000	107.00	93.080	2.074	.2680-01	.1245	-8.740	-.1420-01
22	1.0000	108.00	85.920	1.914	.2470-01	.1060	-8.758	-.1210-01
22	1.0000	109.00	91.060	2.029	.2620-01	.1192	-8.745	-.1360-01
22	1.0000	110.00	82.210	1.832	.2360-01	.9640-01	-8.768	-.1100-01
22	1.0000	111.00	74.040	1.650	.2130-01	.7530-01	-8.789	-.8600-02
22	1.0000	112.00	80.100	1.785	.2300-01	.9100-01	-8.773	-.1040-01

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